Table of Contents

ALFRED-TRADE.COM

ALFRED TRADE

1. Project and Its Goals

1.1 What Does the Project Offer?

The Alfred Trade project addresses several current issues in the crypto-assets market and provides solutions for them. We offer a comprehensive ecosystem/platform where users will have everything they need for successful trading/investment. Our main focus and pride is our AI trading robot, which has no analogs at present.

AI TREADING ROBOT
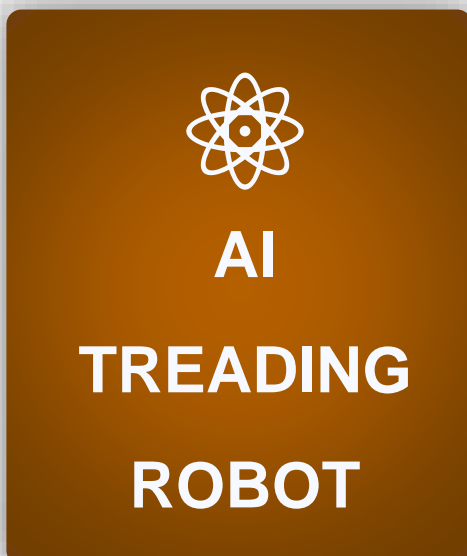
Something that has changed the perception of trading robots and artificial intelligence in general. Our AI can generate exceptional profits with minimal risks in the market! Using the most advanced technologies and tests lasting more than 2 years, we have achieved extremely confident results, which our beta testers and independent users have experienced over the past year!

A tool that allows any trader to save 90% of their time, increase their work efficiency by 500+%, and their profits immensely.

ALFRED LABORATORY

ALFRED SCHOOL

A modern online school with the most up-to-date educational program, which includes the use of various AI tools to enhance trading efficiency and understand the crypto-assets market.

Favourable cash flow conditions for freezing your tokens and supporting the growth of the ALFT price.

ALFRED SAFE

WEB 3.0 WALLET

A fully decentralized wallet that provides maximum security for your assets. No one will ever be able to access them.

1.2 Problem Statement

Trading robots: The current market for trading robots, AI, and offerings in this area for investors has several issues:

AI without user adjustment capability

Ineffective strategies

High risks

Technical knowledge requirements

High drawdown

Complex user interaction

Expensive upfront/subscription costs

Lack of suitable neural network architectures

Long wait for real results
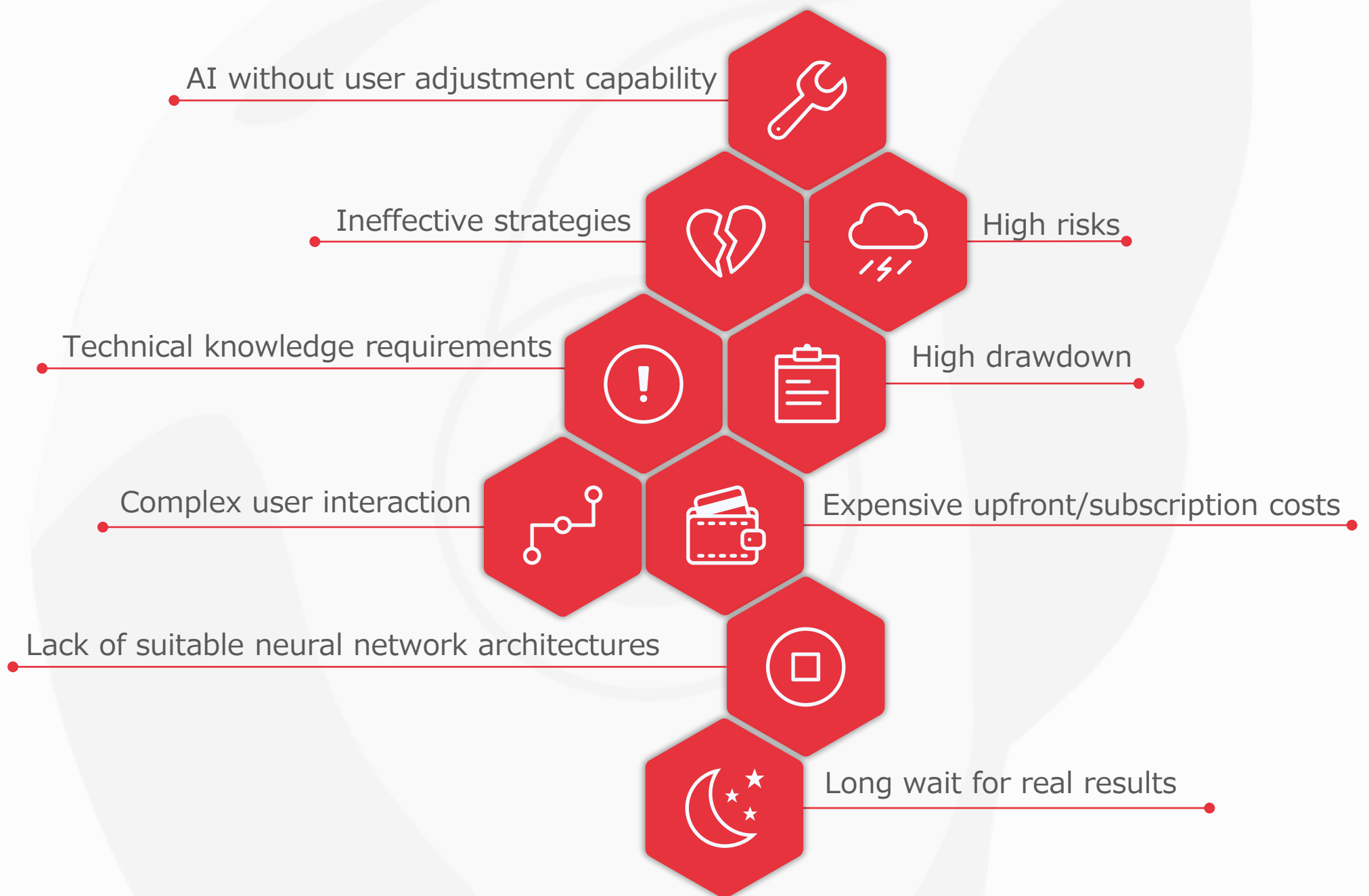
Laboratories: Absence of automatic parameters, High technical entry barrier, Lack of automated trading, Huge time costs for users

Schools: Expensive courses, Focused on profit rather than creating professional traders, Educational material does not account for the number of trading robots and
their actions in the market today, Online schools usually offer basic skills that only provide an understanding of the market but not real trading and solving their problems here and now, Need for third-party software, which is mostly paid

1.3 Proposed Solution

TRADING ROBOT is an AI-based trading robot that does notrequire any technical knowledge to use!

> To achieve the highest results, we utilize several **PyTorch** deep learning models, each serving its own purpose. **Alfred Robot** employs hundreds of servers for real-time search, testing, and verification.

Before opening a trade on behalf of a user, theidentified neural network pattern is checkedagainst the historical candle data of that specific coin and additionally against some others to ensure flexibility and adjust scores for the pattern. When the identified pattern receives a sufficient number of points,it is sent to highly powerful servers for verification against all historical candle data of all available coins, where patterns with questionable ratings are filtered out. The pattern is then tested on a test exchange with various algorithms, simulating trading and calculating the probability of profit or loss based on the current market situation.

Finally, the pattern is distributed among users. The pattern has a limited validity period, and if an optimal entry point is not found within this period, the pattern is discarded as outdated. Each user can set their configuration considering Profit = Risk. The number and quality of trades depend on the user's configuration.By selecting the recommended settings, none of the users experienced losses over the past year!
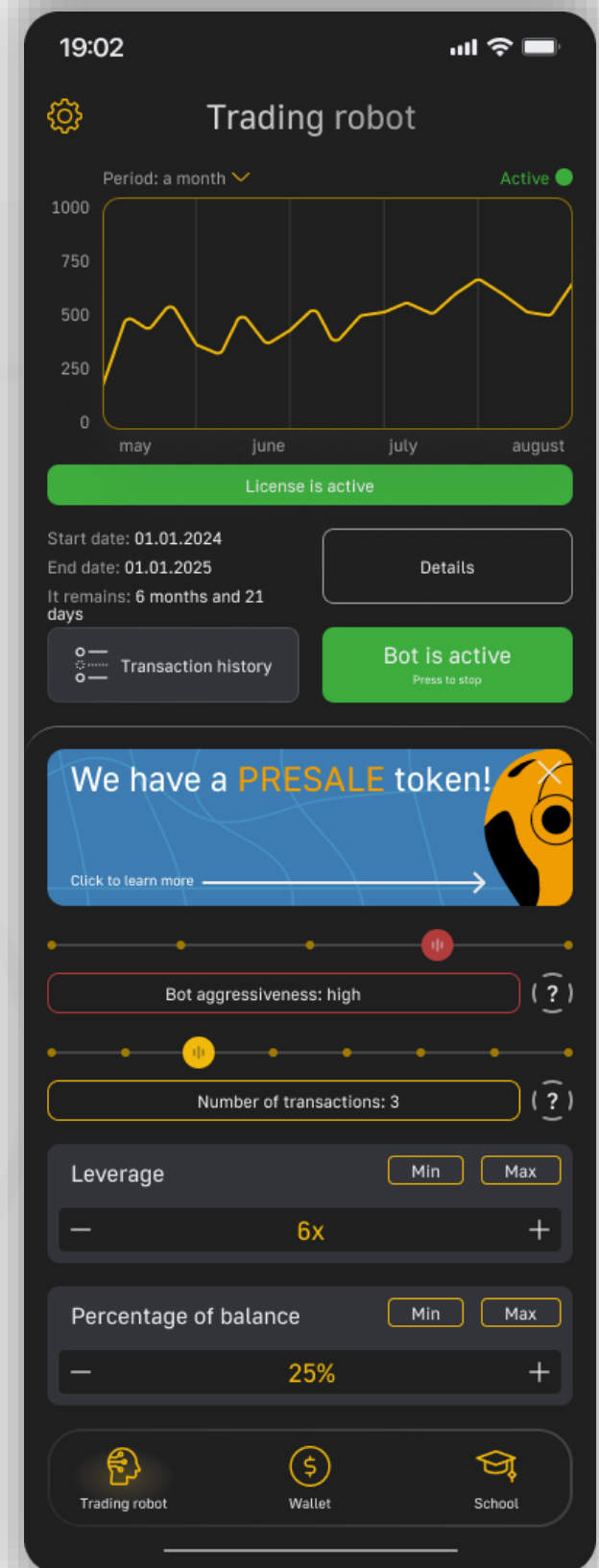
Average possible drawdown: 3-8%

Maximum possible user deposit drawdown:

40% (maximum drawdown can be

achieved only using aggressive trading robot settings)

Average profit: 15-20% in 30 days (depending on the robot's aggressiveness settings)

LABORATORIES A tool that has no equal. Alfred Lab is a modern technological multitool in the world of crypto-asset trading

The Main Goals of Our Laboratory:

- Save the trader's time.

- Automate the trader's actions.

- Combine the power of Artificial Intelligence with the trader's desire and Knowledge.

- Take on all the labor-intensive work.

- Deliver results that are impossible to achieve by human effort alone but leave all important decisions to the trader.
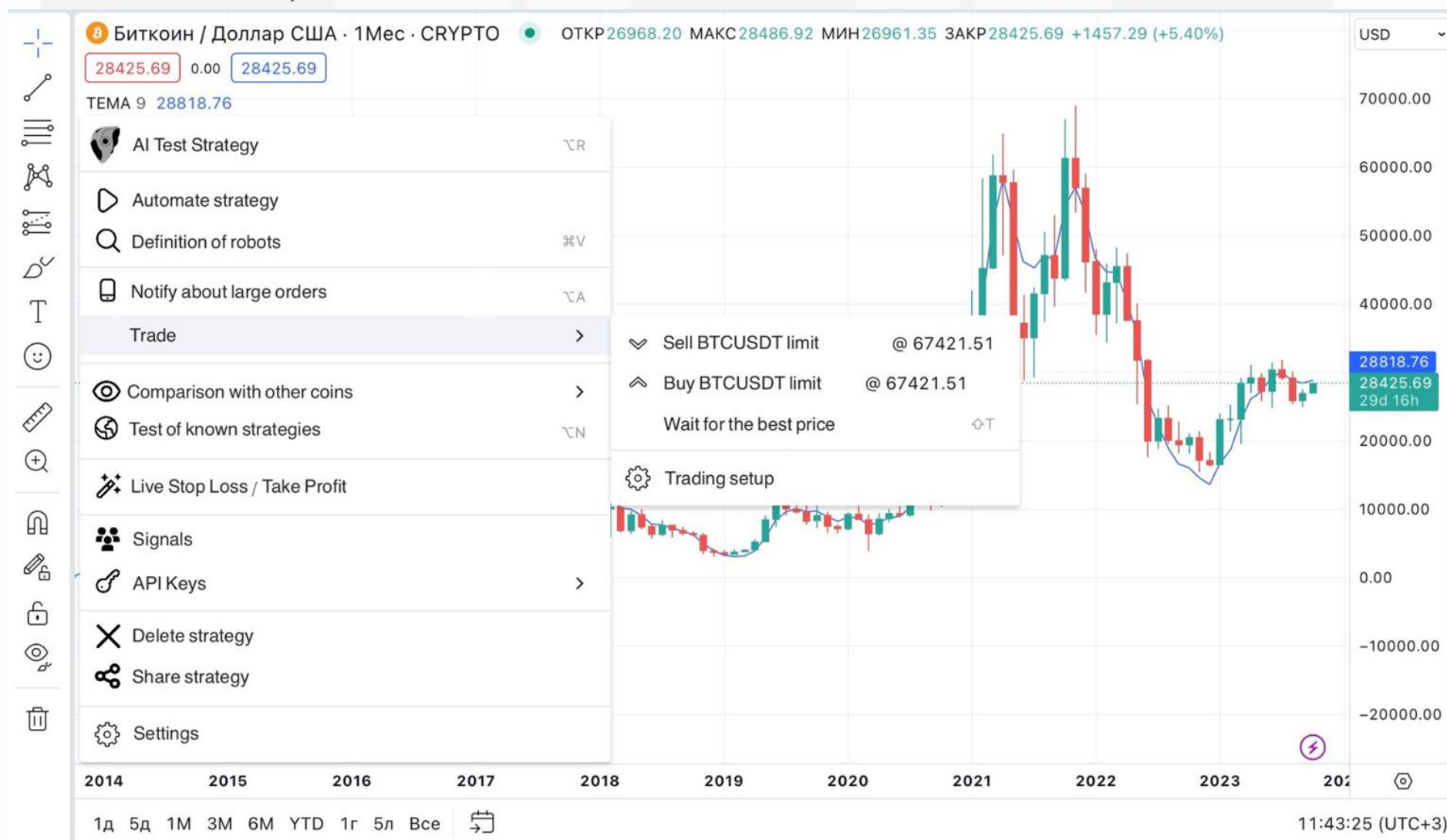
Alfred Lab can analyse your strategy over a specified time frame for the entire history of a particular coin.

Use the tools you are familiar with, but automate the analysis process. Draw your strategy on the chart and run a test for the period you are interested in. Alfred Lab will take the historical candle data and run through them using your strategy. After the initial check, Alfred Lab, using artificial intelligence, will make some adjustments to your strategy and run additional tests. It can analyze any coin over any period on any timeframe or several simultaneously.

As a result, you will get an analysis of your strategy, for example, over 1, 3, or 10 years, spending just 5 minutes setting up your strategy. You will receive a detailed report with comments and images of each trade you could have opened in the past, leaving you to decide whether to use this strategy or try another.
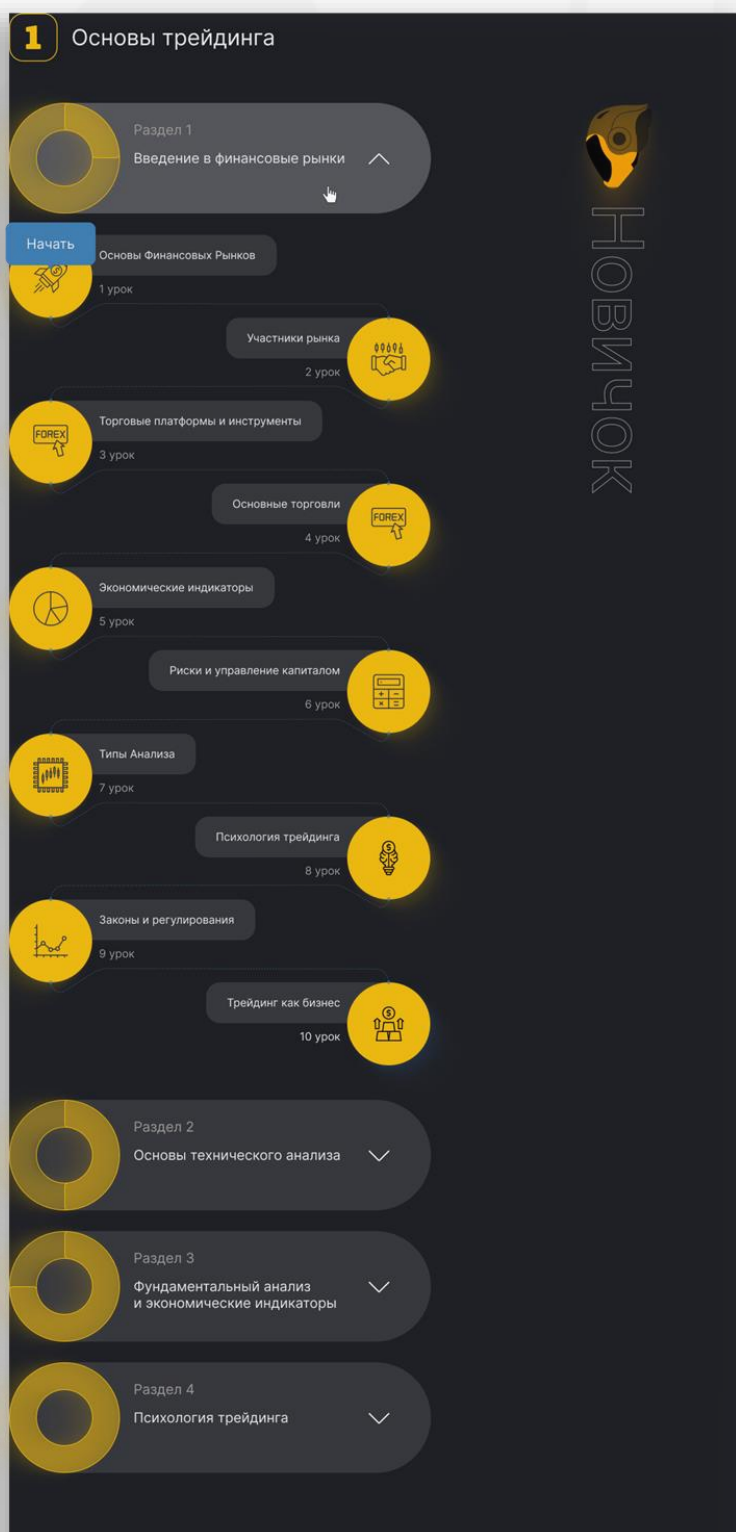
Schools: An online school with an interesting interactive experience. The training consists of 3 Courses.

The first course is completely free, the user receives ALFT tokens for correct answers, thus encouraging the user to study the offered material and simultaneously creating liquidity in the market.

The second course is partially accessible for ALFT earned in the first course.

The third course is completely paid. AI, automated systems, and training with maximum immersion in all aspects of trading. Alfred School is an important product for the company as it will generate new users and clients for the project!

2. Industry and Market
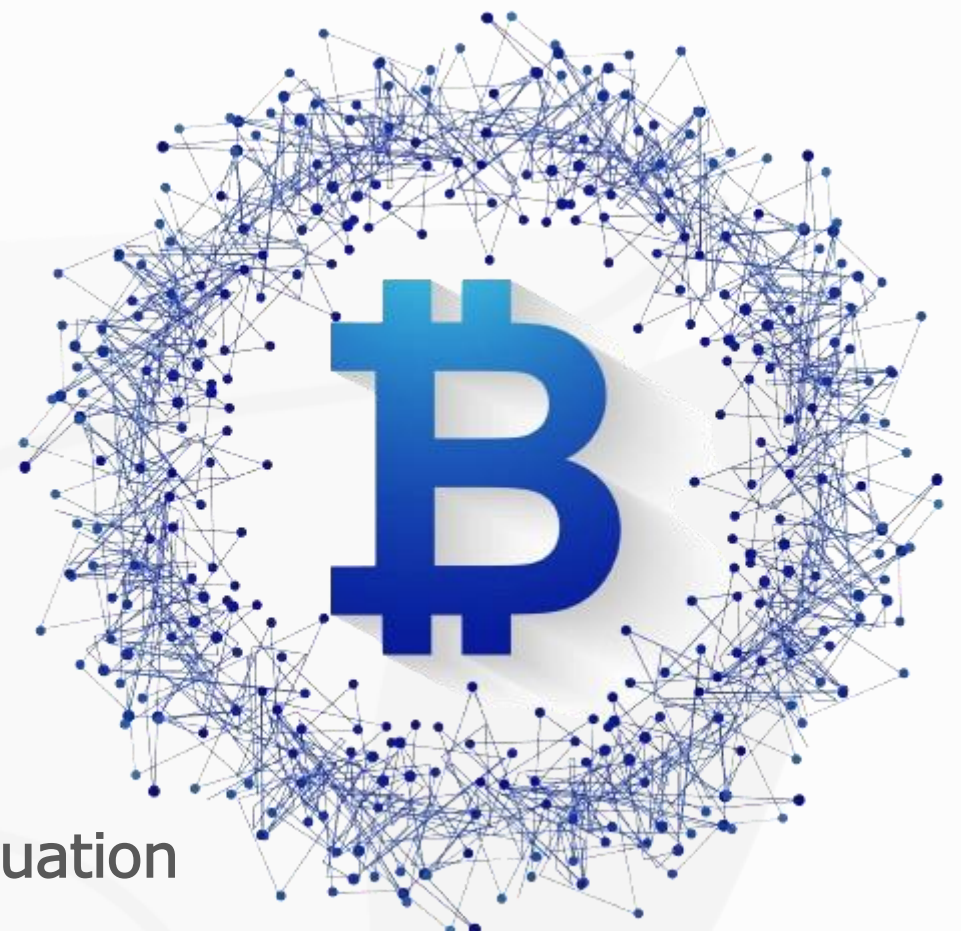
2.1 Analysis of the Current Situation

in the Cryptocurrency Market and Trading Robots

2.1.1 Trends in the Cryptocurrency Market

Volatile Market Nature: At the current stage, the cryptocurrency market is remarkable for its dynamism and unpredictability. Price variability and rapid changes create unique opportunities for trading and investment

Growing Interest in Blockchain Technologies: An increased interest in blockchain technologies indicates broad development prospects and the use of cryptocurrencies in various sectors of the economy
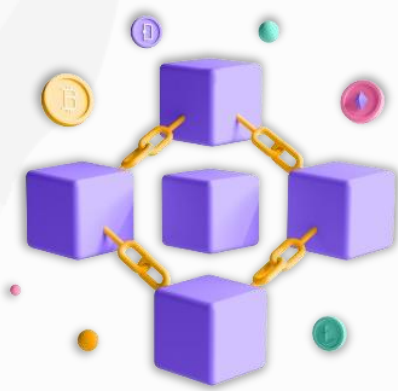
Increasing Interest in Digital Assets: Investors and corporations are showing a growing interest in digital assets, viewing them as an effective tool for portfolio diversification and profit generation.

2.1.2 The Role of Trading Robots in the Cryptocurrency Market

Importance of Trading Robots: Trading robots, especially those using artificial intelligence, have become an integral part of traders' and investors' strategies. They can help reduce risks and ensure stable profitability.
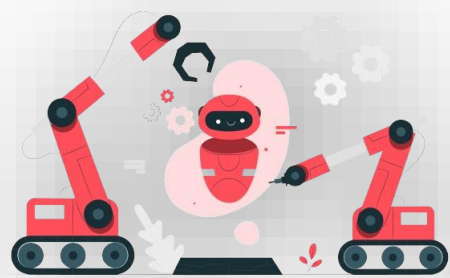
Automation and Data Analysis: Trading robots automate the processes of analysing large amounts of data, which is key to making informed and justified trading decisions.

2.1.3 Challenges in the Trading Robots Market

Regulation and Competition: The lack of clear regulation and increasing competition in the development and use of trading robots can pose challenges for the project. However, Alfred Trade uses custom neural network architectures that have no analogs!

Technical Issues: Technical aspects such as the security and stability of the robots are crucial for ensuring user trust and the successful operation of the product. The primary goal of our developers is stability and security!

2.2 Market Potential and Growth Opportunities

- Growing interest in cryptocurrencies.

Partnership with Institutional Investors: Active interaction with corporate investors is an opportunity to introduce products into a more conservative investment environment.

- Development of blockchain infrastructure.

Partnership with Blockchain Platforms: Collaboration with emerging blockchain platforms and developing our own can facilitate integration and increase product accessibility

- Increasing popularity of artificial intelligence.

Enhancing Marketing Efforts: The growing popularity of artificial intelligence can be leveraged in marketing campaigns to attract new users.

- Expansion of the global market.

International Expansion: Strengthening presence in the international market will increase the user base and expand opportunities for interaction with global investors.

- Participation of Retail Investors.

Attractive Conditions for Beginners: Creating attractive conditions for retail investors, for example, through educational initiatives and special conditions for initial investment.

Conclusion

The **Alfred Trade** project is in a promising position considering the dynamics of the cryptocurrency market and the importance of trading robots. External factors such as favorable interest in cryptocurrencies and artificial intelligence create unique opportunities for the project's growth and success. Managing challenges and actively interacting with the global market can help maximize its potential and ensure stable development.

3. Detailed description

Alfred Trade is an innovative platform designed to radically transform the world of cryptocurrency investments. Founded on principles of innovation, transparency, and efficiency, our mission is to provide:

- Traders with access to advanced technologies that enable high-efficiency trading.
- Beginners with an easy, intuitive, and comfortable entry into the world of crypto trading.
- Investors with a safe, high-yield, transparent, and stable passive income.

3.1 Detailed Description of the Solution

Important!

In the last decade, with the growing interest in cryptocurrencies, predicting their prices has become a central issue in the financial world. The instability and volatility of cryptocurrencies make this task exceptionally challenging and extremely attractive for researchers and developers of artificial intelligence systems. The abundance of data and potential for high financial returns have stimulated numerous attempts to apply various neural network architectures to this task. Despite significant advances in machine learning, none of the existing models have managed to achieve a universal solution capable of consistently and reliably predicting market trends.

In this section, we present an analysis of a wide range of neural networks, their advantages, and disadvantages, to clearly outline the context of our work and demonstrate the depth of our understanding of existing technologies. We discuss how each of the models was applied to the task of predicting cryptocurrency prices and highlight key lessons learned from these experiences. This provides the foundation for evaluating the innovative approach proposed by our company and helps you understand why our universal neural network represents a significant breakthrough in this field.

We strive for transparency and build trust with our users by providing educational value and emphasizing our expertise without disclosing confidential details of our solution's implementation.

Understanding the strengths and weaknesses of previous architectures is necessary to appreciate the importance and uniqueness of our approach and to support our marketing strategy and determine the potential impact of our product on the market.

Ultimately, our analysis of previous developments and approaches not only underscores the significance of our contribution to this field but also serves as a launchpad for further innovations in cryptocurrency price prediction.

Perceptron

The simplest type of artificial neural network, and its use for predicting cryptocurrency prices can have the following advantages and disadvantages.
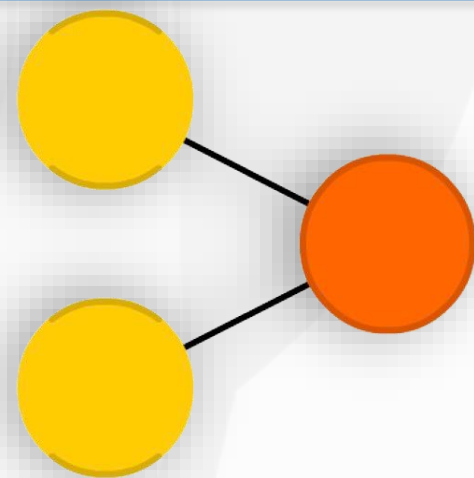
Advantages

- Simplicity of implementation: The perceptron is easy to implement and requires fewer computational resources compared to more complex models.
- Fast training: Due to its simplicity, the perceptron learns faster, which can be useful for quick prototyping or when limited computational resources are available.
- Linear model: If the market factors affecting cryptocurrency prices are linearly dependent, the perceptron can effectively detect these dependencies.
- Mathematical interpretability: The perceptron model is simple to understand and interpret, making it easy to explain the impact of input variables on the prediction.

Disadvantages

- Linearity: The perceptron is a linear classifier and cannot capture complex nonlinear dependencies, which is critical for such a volatile and complex field as cryptocurrencies.

- Inability to solve non-linearly separable problems: The perceptron will not adequately predict prices if the relationship between input variables and cryptocurrency prices is nonlinear, which often occurs in financial markets.

- Overfitting to noise: The perceptron may overfit to the noise present in cryptocurrency data due to their high volatility.

- Insufficient expressiveness: Predicting cryptocurrency prices requires accounting for a wide range of factors and complex temporal dependencies, which is beyond the capabilities of a single-layer perceptron.

- Unsuitability for dynamic changes: The cryptocurrency market is constantly changing, and the perceptron lacks mechanisms for adapting to such changes in real-time.

- Lack of temporal property consideration: The perceptron is not designed to work with time series, which limits its ability to use past price dynamics to predict future values.

Multilayer Perceptrons (MLP)

Often referred to as Feed Forward networks (FF), MLPs are used in machine learning for various tasks, including time series prediction such as cryptocurrency prices.
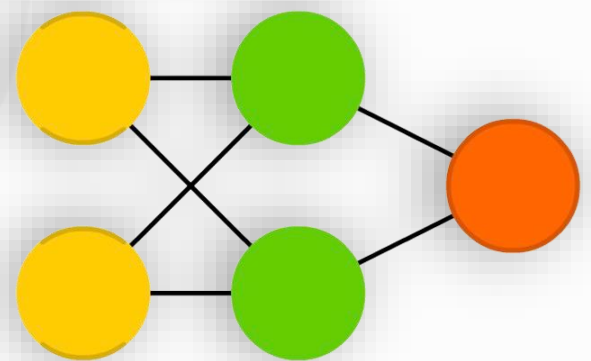
Advantages

- Ability to detect nonlinear dependencies: MLPs can model complex nonlinear relationships between input and output data, making them suitable for predicting cryptocurrency prices where such relationships often occur.

- Versatility: Feed Forward networks can be used for a wide range of prediction tasks, including regression, classification, and even time series generation.

- Scalability and adaptability: FF models can be configured with varying numbers of layers and neurons, allowing them to be adapted to the task's complexity and available computational resources.
- Integration of different data sources: MLPs can combine data from various sources (e.g., prices, trading volumes, news) to improve prediction accuracy.
- Supervised learning: FF models typically learn using historical data, enabling them to extract patterns and trends from past time series values.

Disadvantages

- Overfitting: MLPs are prone to overfitting, especially when there are deep architectures and limited training data.
- Need for careful data preprocessing: MLPs require careful normalization and preprocessing of input data, which can be challenging due to noise and outliers in cryptocurrency data.
- Complexity in determining architecture: There is no universal rule for determining the optimal number of layers or neurons, complicating the model configuration process.
- Lack of memory: Since MLPs do not have built-in sequence processing mechanisms, they may not capture temporal dependencies as well as recurrent neural networks.
- Computational complexity: Training deep Feed Forward networks, especially with a large number of parameters, can be computationally expensive.
- Instability in predictions: Even small changes in input data can lead to significant deviations in predictions, requiring regular model retraining.
- Impact of unaccounted factors: MLPs may not consider all factors affecting prices, such as regulatory changes or market participant behavior, leading to prediction errors.
- Dependence on data quality: MLPs heavily rely on the quality and quantity of available training data. A lack of data or the presence of noise can significantly reduce model accuracy.

Models based on **radial basis functions (RBF)** can be used to create artificial intelligence systems for predicting cryptocurrency prices. **RBF** has some similarities with **FF** architecture, but there are a number of differences, and the main difference between **RBF** and **FF** networks lies in the way input data is processed and the organization of their hidden layers. **RBF** focuses on spatial relationships, whereas FF processes data through a sequence of nonlinear transformations.
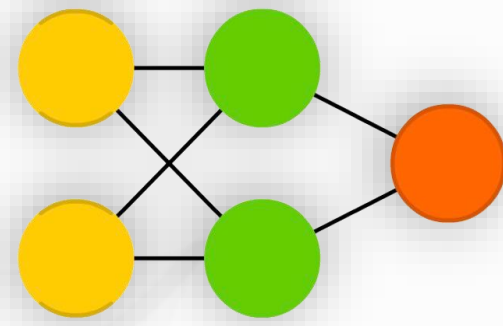
Advantages

- Ability to Interpolate: RBF networks can accurately interpolate results in the space where there is training data, making them good for identifying and mimicking complex patterns in price data.
- Efficiency in Spatial Data: Since radial basis functions evaluate similarity based on spatial proximity, they can be effective in cases where spatial relationships in the data are important.
- Fast Training: Under certain conditions, RBF networks can be trained faster than other types of neural networks.
- Adaptability: RBF networks can adapt to changes in input data, which is important for financial markets where conditions are constantly changing.
- Less Prone to Local Minima: During training, RBF networks are less likely to get stuck in local minima compared to other types of neural networks.

Disadvantages

- Curse of Dimensionality: Like many other machine learning methods, RBF can suffer from the "curse of dimensionality" – efficiency decreases if the feature space is too large.
- Limited Coverage Area: RBF networks may not generalize well beyond the range in which they were trained.
- Parameter Selection: Choosing the optimal parameters for radial basis functions can be challenging and often requires careful tuning.
- Risk of Overfitting: If not configured correctly, RBF networks can be prone to overfitting, especially if the training data set contains noise.
- Computational Complexity: For large data sets, computational complexity can become a problem, especially when using radial basis functions with high resolution.

Long Short-Term Memory (LSTM)

LSTM is a special type of recurrent neural network capable of remembering information for long periods. They are widely used for time series prediction, making them suitable for the task of predicting cryptocurrency prices.
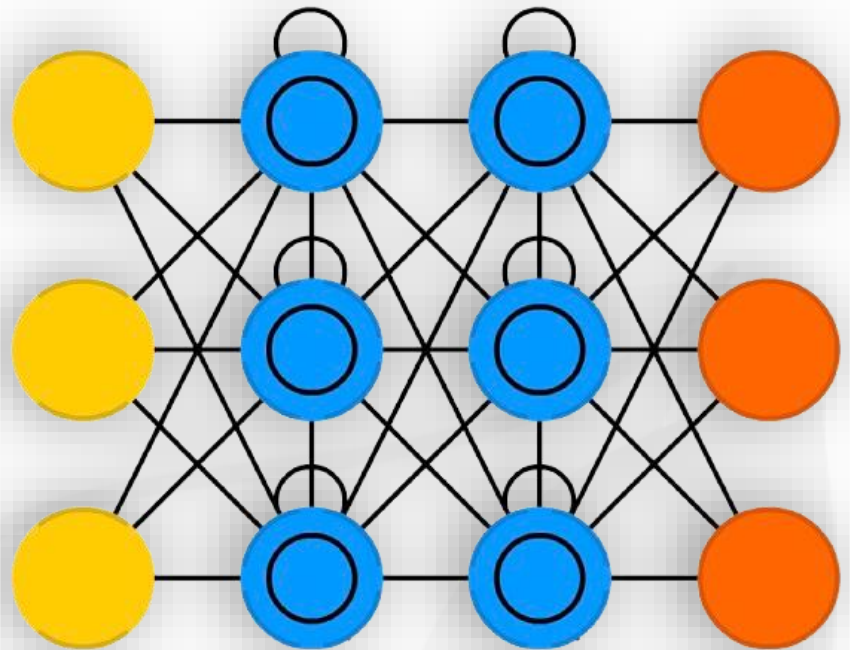
Advantages

- Ability to Detect Long-Term Dependencies: LSTM can retain information over long periods, which is critically important for analyzing cryptocurrency time series, where old data can influence future trends.
- Flexibility in Modeling Different Temporal Patterns: They can adapt to different patterns and periodicities in the data.
- Efficiency in Time Series Prediction: LSTM often outperform other models when it comes to predicting complex time series such as cryptocurrency markets.
- Minimization of Vanishing Gradient Problem: Thanks to their gates, LSTM reduce the impact of vanishing gradients, allowing for more effective training.
- Support for Adding or Forgetting Information: Through the use of gates, LSTM can dynamically discard or add information to their memory, which is important for adapting to market changes.

Disadvantages

- High Computational Complexity: LSTM requires significant computational resources, especially when they have many parameters and large datasets.
- Long Training Time: Due to their complexity, training LSTM can take a long time, which can be a problem with rapid market changes.
- Risk of Overfitting: Like many complex models, LSTM can be prone to overfitting if proper regularization methods are not used.

- Risk of Overfitting: Like many complex models, LSTM can be prone to overfitting if proper regularization methods are not used.
- Need for Large Amounts of Data: Effective training of LSTM requires large volumes of data, which can be a limiting factor.
- Complexity in Parameter Tuning: Choosing the correct architecture and hyperparameters can be challenging and requires a deep understanding of the model.

Gated Recurrent Unit (GRU)

GRU is a type of recurrent neural network that is effectively used for tasks involving time series, such as predicting cryptocurrency prices. GRU has some similarities with LSTM, as both have gating mechanisms that regulate the flow of information within the unit, but there are key differences in their structures:
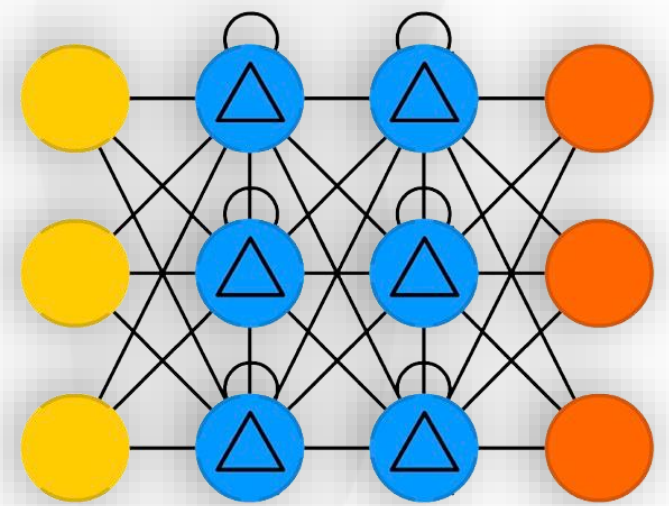
LSTM:

- Has three gates: forget gate, input gate, and output gate.
- Considered more complex, as it has more gates and different components for processing information.
- Uses a memory cell to store information, allowing states to be maintained for long periods.
- Has a separate mechanism for regulating which information will be output through the output gate.

GRU:

- Has two gates: update gate and reset gate.
- Is a simplified version, potentially leading to faster training and fewer parameters, but with a possible loss of some control over the information flow.
- Combines input and forget gates into a single update gate, simplifying its structure and not containing a separate memory cell.
- The update gate determines how to combine new information with previous states, so it does not have a separate output gate.

Advantages

- Simplified Model Compared to LSTM: GRU uses fewer gates and parameters, which can simplify training and reduce computational costs.
- Faster Training: Due to the smaller number of parameters, GRU can train faster than LSTM models, which is an advantage when working with limited resources.
- Efficiency in Capturing Information from Different Time Points: GRU allows the model to effectively update and store information through the use of update and reset gates.
- Ability to Handle Long-Term Dependencies in Data: Although simplified, GRU can still detect long-term dependencies in the data, which is important for price prediction.
- High Adaptability to Data Structure: GRU can adapt to different temporal patterns and structures, making them versatile in various prediction tasks.

Disadvantages

- Potential Loss of Information: The simplified structure may lead to the loss of some information that LSTM could retain.
- Risk of Overfitting: Like most complex models, GRU is prone to overfitting, especially when the data contains noise or is not very representative.
- Need for Large Amounts of Data: Effective GRU training typically requires large data sets.
- Difficulty in Hyperparameter Selection: Choosing the correct hyperparameters can be challenging and requires careful testing and validation.
- Limited Ability to Detect Complex Dependencies: In some complex tasks, GRU may be less effective than LSTM due to its simplified structure.

Deep Convolutional Networks (DCN)

Also known as **Convolutional Neural Networks** (**CNN**), are usually associated with image processing. However, they can also be applied in time series prediction tasks such as predicting cryptocurrency prices due to their ability to detect hierarchical patterns and features.
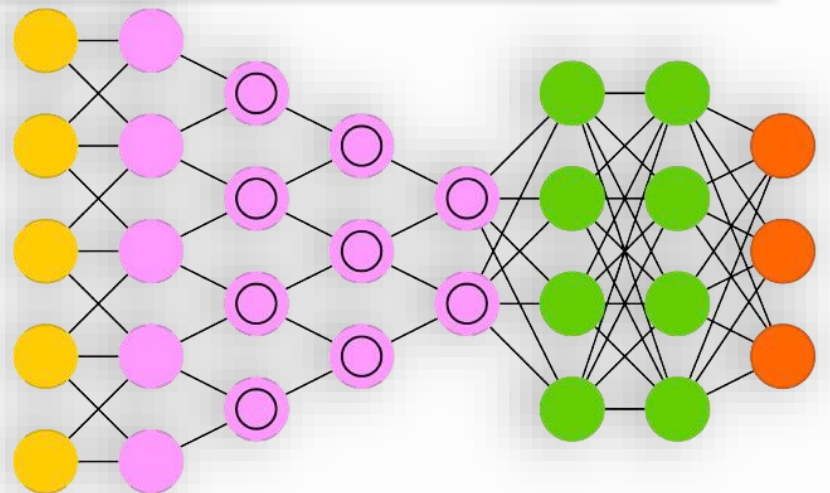
Advantages

- Efficiency in Pattern Recognition: DCNs can automatically detect and learn important features in the data without the need for manual feature selection.
- Hierarchical Data Representation: DCNs can build multi-level representations of data, which can be useful for understanding complex relationships in cryptocurrency data.
- Transfer Learning: Models trained on one dataset can adapt to use on another through transfer learning, which can reduce the time and resources needed to train new models.
- Scalability: DCNs scale well with increasing dataset size and complexity.

Disadvantages

- Computational Costs: DCNs often require significant computational power and memory, especially when using deep architectures with many layers.
- Risk of Overfitting: Due to the large number of parameters, DCNs can be prone to overfitting, especially if training data is limited or contains noise.
- Need for Careful Data Preparation: Data for DCNs requires careful preparation and preprocessing to achieve optimal results.
- Complexity of Interpretation: The results obtained from DCNs can be difficult to interpret, complicating the understanding of how the model arrived at a certain prediction.

Using DCNs for predicting cryptocurrency prices may require an innovative approach, such as pre-transforming time series data into a form that can be processed by convolutional layers. This transformation may include converting price data into images (e.g., feature maps) or using windowed convolution techniques directly on time series.

Echo State Networks (ESN)

ESN belongs to the class of recurrent neural networks and has a unique structure where the main part of the network (reservoir) does not change during training.
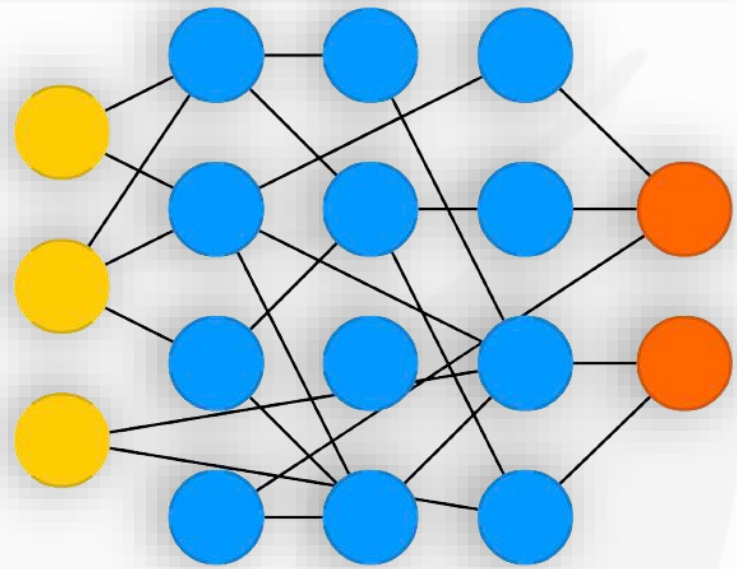
Advantages

- Fast Training: Since the weights in the reservoir do not change, ESNs can be trained much faster than traditional recurrent neural networks.
- Ability to Process Temporal Dependencies: ESNs effectively use their dynamic memory to model temporal dependencies, which is critically important for predicting financial markets.
- Lower Computational Requirements: Without the need for backpropagation through time, ESNs require less computational power.
- Flexibility: The ability to easily vary the number and connectivity of neurons in the reservoir makes ESNs very flexible.

Disadvantages

- Reservoir Parameter Selection: Choosing the correct parameters for the reservoir can be challenging and requires experimentation.
- Limited Ability to Detect Complex Patterns: While ESNs work well with some types of dependencies, they may struggle with very complex data structures.
- Noise Sensitivity: Due to the fixed nature of the reservoir, ESNs can be sensitive to noise in the training data.
- Complexity in Tuning: Choosing the optimal parameters for the input layer and reservoir can be non-trivial.
- Insufficiency for Large Datasets: ESNs may not be the best choice for very large or complex datasets where more complex models are needed to detect patterns.

Support Vector Machine (SVM)

SVM is a supervised machine learning algorithm that can be used for classification or regression. **SVM** uses an optimal separating hyperplane for classification, which is well-suited for determining cryptocurrency price trends.
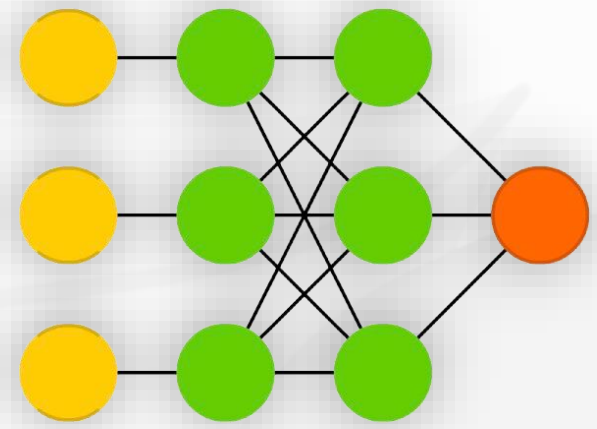
Advantages

- Efficiency in High-Dimensional Spaces: SVMs work well even when the number of features exceeds the number of training samples.
- Generalization Capability: SVMs have a good ability to avoid overfitting due to margin optimization, allowing models to better generalize to unseen data.
- Flexibility: The SVM kernel can be customized for specific tasks using different kernel functions.
- Accuracy: SVMs often show high accuracy in classification and regression tasks and can be effective in areas with clear boundaries between classes.

Disadvantages

- Computationally Intensive: Training SVMs can be computationally intensive, especially with large datasets.
- Complexity in Choosing the Kernel: Selecting the appropriate kernel and tuning its parameters can be challenging.
- Sensitivity to Noise: SVMs can be sensitive to noisy data and may require careful data preprocessing.
- Limited Scalability: SVMs may not scale well with very large datasets, which can lead to increased training times and memory usage.

SVM can be useful for predicting cryptocurrency prices if there are clear boundaries between different market states, but they may not be the best choice for modeling more complex or noisy financial time series without a large amount of data.

Autoencoders (AE) are a type of neural network used for reducing data dimensionality by learning to represent input data in a compressed form. Autoencoders can be useful for cryptocurrency price prediction as part of a broader system.
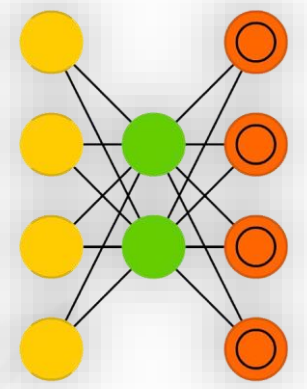
Advantages

- Dimensionality Reduction: Autoencoders can detect and utilize the most important features from the data.
- Pattern Recognition: They can extract and reconstruct key patterns in the data, which can help in predicting price trends.
- Data Preprocessing: Can be used for data preprocessing before using other prediction algorithms.
- Noise Reduction: Can remove noise from the data, improving the quality of predictions.

Disadvantages

- Information Loss: Important information may be lost during data compression.
- Risk of Overfitting: There is a risk of overfitting, especially if the network is too complex for the input data.
- Not Specialized for Time Series: Standard autoencoders are not specifically designed for time series prediction, which is essential for cryptocurrency analysis.
- Complexity of Tuning: Tuning the optimal network structure can be a non-trivial task.

Deep Belief Networks (DBN)

DBNs are a type of complex neural network often used for various machine learning tasks. DBNs can be useful for detecting complex patterns and trends in time series but require careful tuning and training.
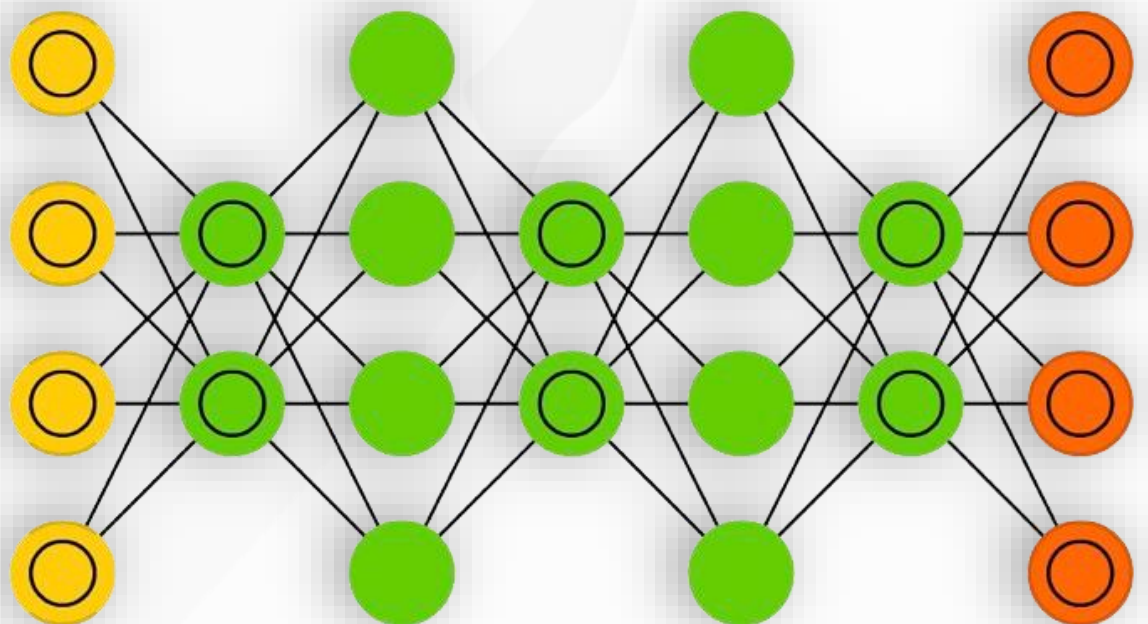
Advantages

- Ability to Detect Complex Patterns: DBNs are effective at detecting complex, abstract patterns in large datasets.
- Deep Learning: They use a multi-layer structure that allows modeling complex functions and relationships.
- Unsupervised Learning: DBNs can learn in both supervised and unsupervised settings, making them flexible.
- Robustness to Noise: They can be resistant to noise and deficiencies in the input data.

Disadvantages

- Complexity of Tuning: DBNs can be complex to tune and train, especially with a large number of layers.
- Computational Costs: They require significant computational resources, especially for large datasets.
- Risk of Overfitting: Like most complex models, DBNs can be prone to overfitting.
- Limitations in Interpretation: Deep models are often difficult to interpret, complicating the understanding of why the model makes certain predictions.

——— Implementation! ———

Below you will see all the stages from finding the entry point to opening the trade.

Alfred uses:

- Multiple neural networks
- Hundreds of servers worldwide
- Decentralization for stability and security
- Automated protection and recovery protocols for servers and networks
- Proprietary test exchange
- 7 languages for users from different countries
- State-of-the-art encryption methods
- The system has been trained on all available coins throughout their history across more than 10 different timeframes, both spot and futures

Stage 1

The first and one of the most labor-intensive stages! Market analysis and finding the entry point, using hundreds of servers, innovative algorithms, and proprietary neural network architecture!

• Processes large datasets, including historical prices, trading volumes, news, and social media

• Uses multidimensional input layers, including convolutional and recurrent ones, to capture complex relationships between various market aspects

• Trained on vast historical data using deep learning methods

• The training process involves adaptive weight changes to continually improve prediction accuracy

• Alfred's neural network identifies and predicts major market trends and key support and resistance levels

• Uses an attention mechanism to highlight the most important factors affecting current market dynamics

• Alfred constantly updates in real-time, adapting to the changing market situation

• Has automatic parameter rebalancing mechanisms to maintain high performance in different market conditions

• Signals are accompanied by confidence assessments, allowing the next stage to evaluate the level of confidence in the proposed actions.

The entire system is decentralized, each server can operate both independently and in pairs with others. Increasing the number of servers can increase the number of parameters and achieve more accurate results.

Stage 2

Extremely powerful servers and a separate neural network process the finished patterns from the first stage. Their task is to verify the pattern using complex algorithms and unusual architectures and consider the assessment from the previous stage, selecting only the best.

Stage 3

A test exchange conducts a number of trades in accelerated mode, using historical data and taking into account current new candles to determine the quality of new patterns from the neural network.

• Implementation of an engine that replicates the main functions of a real exchange - from order acceptance to trade execution.

• API for providing market data access to the neural network, including candles of different timeframes, volumes, and other key indicators.

• Use of mathematical models to simulate various market conditions and events, such as changes in volatility, liquidity, and other factors.

• Libraries of test scenarios that allow the neural network to interact with the test exchange under different conditions.

• Maximizing the efficiency of the test exchange through optimized resource usage and parallel execution of trading scenarios.

Stage 4

Control check for the relevance of patterns. The previous steps take some time, the market changes quickly - therefore, before sending the patterns for execution and opening real trades, an additional check of their relevance is conducted.

Stage 5

After completing the control check, the found patterns are distributed among users through special decentralized databases. This ensures not only the even distribution of trading signals but also a high degree of security and complete data preservation. All your data, including keys and other confidential information, are securely protected thanks to decentralization.

Using decentralized databases guarantees that your data remains inaccessible to any external threats, providing the highest level of security and confidentiality. Decentralization allows us to distribute information across different servers, making hacking or data loss impossible. This is suitable for both storing your personal information and key data about your financial transactions.

Our decentralized system enhances security and provides confidence in the reliability and stability of the Alfred Trade project. We have created an infrastructure that meets the highest standards of modern cryptography and decentralization, giving you peace of mind about your data. Thus, you can be sure that your investments and personal information are securely protected and can fully focus on achieving your financial goals with Alfred Trade.

Stage 6

For user convenience, we have developed an intuitive control panel. With this panel, users can easily control their trading operations, configure robot parameters, and receive up-to-date information about the status of the neural network and their robot.

The control panel will be available on various platforms, including Telegram and mobile apps for iOS and Android, providing convenience and flexibility in using the system. We continually improve our technologies to provide users with the highest level of comfort and efficiency. You can choose any convenient method of control that suits you best!

Stage 7

At this stage, the patterns are processed considering the user's selected parameters and trades are opened on the exchange. The Alfred Trade system ensures high speed and accuracy of operations, allowing users to maximize profits. Our servers operate in real-time, providing a continuous flow of data and instant execution and processing of trading patterns. We make every effort to ensure that each of our users feels confident in the stability and reliability of our technologies.

Stage 8

Our neural network will be integrated with the largest global exchanges. Currently, all our tests have been conducted with Binance. This will allow our users to access the best trading conditions and maximize their profits. We guarantee a high level of security and stability for all transactions, making Alfred Trade the ideal choice for traders of any level. Thanks to our advanced technology and years of experience, we provide users with a reliable tool for successful and profitable trading in the cryptocurrency market.

3.2 Product Advantages Over Competitors

The Alfred Trade project has several key advantages that set it apart from competitors in the market of cryptocurrency trading bots, artificial intelligence, and analytical platforms. Below are the main advantages that make Alfred Trade unique and attractive to users.

Unique Neural Network Architecture

Alfred Trade uses proprietary neural network architectures that have no analogs in the market. This allows for high accuracy and stability of operations. The use of multiple PyTorch deep learning models provides flexibility and adaptability to market changes, which is important for ensuring the product's competitiveness.

Duration and Quality of Testing

The project has been rigorously tested for over two years, confirming its reliability and effectiveness. Beta testers and independent users who participated in the trials noted the system's stability and high profitability.

Risk Reduction and Profitability Increase

Thanks to advanced technologies and algorithms, Alfred Trade ensures a low drawdown level (3-8%) and a high average profitability (15-20% in 30 days), even under aggressive settings. This significantly surpasses the performance of many competitors who cannot ensure similar stability and profitability.

Intuitive Interface and Ease of Use

Alfred Trade offers an intuitive interface that does not require special technical knowledge from the user. This makes the product accessible to both experienced traders and newcomers to the world of cryptocurrencies.

Automation and Time Savings

Alfred Trade tools allow automating most routine operations, reducing the user's time spent on analysis and decision-making. Time savings reach up to 90%, and trading efficiency increases by more than 500%.

Educational Resources and Support

Alfred Trade provides access to a modern online school with the most up-to-date educational program, which includes the use of various AI tools to enhance trading efficiency and understanding of the crypto market. This helps generate new leads and allows users not only to trade but also to continuously improve their knowledge and skills.

Multilingual Support and Global Accessibility

The platform supports seven languages, making it accessible to users from different countries around the world. This expands the opportunities for interaction with global investors and traders.

ALFRED-TRADE.COM
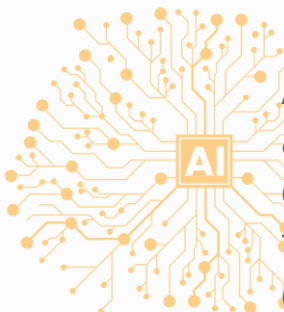
ALFRED TRADE

THANKS TO THESE ADVANTAGES, ALFRED TRADE OCCUPIES A UNIQUE POSITION IN THE MARKET AND OFFERS ITS USERS INNOVATIVE AND EFFECTIVE TOOLS FOR SUCCESSFUL CRYPTOCURRENCY TRADING.

3.3 User Interaction with the Product

Alfred Trade offers a convenient and efficient user interaction with the product, ensuring high service quality and maximum customer satisfaction. Below are the main aspects of user interaction with the platform.

Intuitive Interface
The Alfred Trade interface is designed so that users can easily and quickly find the necessary functions and perform the required operations. Convenient navigation and logically structured menus allow users of any experience level to quickly master the platform and start using its capabilities. Currently, management is available through the Telegram platform – in the future, this will include iOS/Android, Web. Each user will be able to choose the interaction option with the platform that is convenient for them.

Personalization of Settings
Users can customize the neural network according to their individual needs and strategy. This includes choosing the level of aggressiveness, setting risks and profitability, as well as selecting parameters for automated trading. Such flexibility allows each user to maximize the adaptation of the product to their requirements.

Analytical Tools
Alfred Trade provides a wide range of analytical tools that help users perform in-depth market analysis and make informed trading decisions. Interactive charts, historical data, indicators, and signals help traders get a complete market picture. Never before have analytical tools been so user-adapted as Alfred Lab!

Educational Resources
The platform includes access to Alfred School, a modern online school with up-to-date courses for traders of various levels. Users can take courses, receive certificates, and earn ALFT tokens for successfully completing training modules. This not only improves users' knowledge but also promotes active community participation. Therefore, Alfred School will be available on all platforms in a convenient game format (Telegram, iOS/Android, Web).

THUS, ALFRED TRADE OFFERS ITS USERS AN INNOVATIVE PRODUCT WITH A HIGH LEVEL OF PERSONALIZATION, RELIABLE ANALYTICAL TOOLS, ACCESS TO EDUCATIONAL RESOURCES, AND QUALITY TECHNICAL SUPPORT, WHICH ENSURES MAXIMUM EFFICIENCY AND USER SATISFACTION.

ALFRED-TRADE.COM

4. Business Model and Monetization Strategy

4.1 How the Project Plans to Make a Profit

The primary source of profit is automated cryptocurrency trading using the AI robot Alfred. This robot employs advanced machine learning algorithms and big data processing to analyze the market and make trading decisions. The use of multiple deep learning models and hundreds of servers worldwide ensures the accuracy and speed of trading operations.

IMPORTANT! The **Alfred** neural network was tested by **50** independent testers and traders over **18** months! A key factor is that we constantly develop and improve our product, making it even more secure and stable!

1 Year	$ 10,000/ $ 35,000

15 %
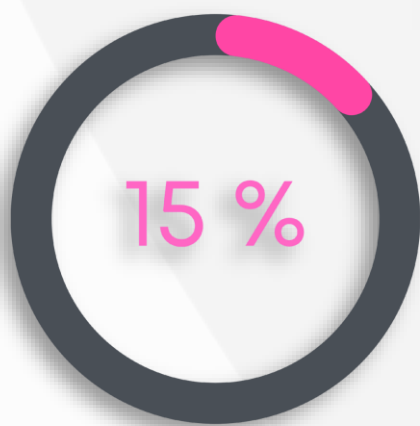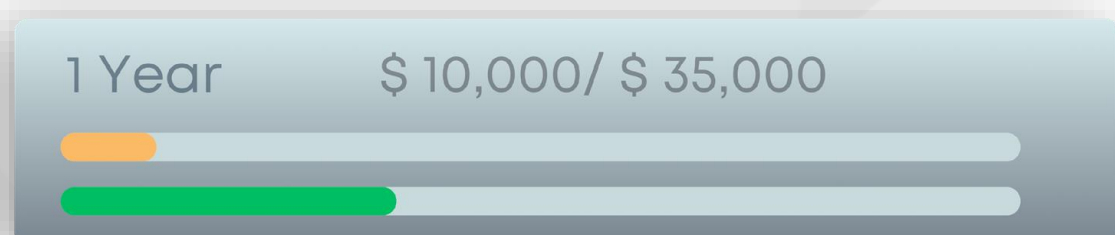
Over the past year, the **Alfred neural network** has provided an average profitability of **15%** per month, with an average drawdown of **5%.** With an initial capital of **$10,000**, a user could expect a profit of **$1,500** per month, amounting to **$18,000** per year. With monthly **reinvestment** of profits, the total annual profit could exceed **$25,000**.

The project takes **50%** of the user's net profit after achieving profit. This means that from a monthly profit of **$1,500**, the project will receive **$750**. If the average user has an initial capital of **$10,000**, the project's monthly income from one user will be **$750**, and the annual income will be **$9,000**.

Paid Services and Subscriptions

The project offers various paid services and subscriptions for users who wish to access advanced platform features:

Subscription to Neural Network Alfred: The subscription costs $50 per month. Assuming 5,000 users subscribe, this would generate $250,000 in monthly revenue or $3,000,000 in annual revenue.

Subscription to Alfred Lab: This subscription costs $25 per month. With 1,000 active subscribers, the monthly income will be $25,000, and the annual income will be $300,000.

Automated Strategy Analysis Requests in the Lab: Requests cost $0.3 per request. With an average of 4 requests per day per user, that totals 120 requests per month. Assuming 500 users actively use this service, it will generate $18,000 in monthly revenue or $216,000 in annual revenue.

- Subscription Neural Network
- Laboratory
- School

Educational Courses in Alfred School: The cost of training at Alfred School is $50, and it is planned that there will be 200 new students each month. This means that monthly revenue from educational courses will be $10,000, and annual revenue will be $120,000. Additionally, attracting new students will help raise awareness of the project and attract new users to the platform.

Financial Models and Forecasts

According to financial models, it is anticipated that by the end of the first year of operation, Alfred Trade will attract at least 10,000 active users, each generating an average of $500 in revenue per month. This will provide annual revenue of $5 million. Considering the expected expenses on marketing, development, and platform support amounting to $2 million per year, the net profit of the project will be $3 million per year.

These sources of profit provide a stable financial flow and support the sustainable development of the Alfred Trade project, making it attractive to investors and users. Thanks to the use of advanced technologies, scalable infrastructure, and favorable conditions for users, the Alfred Trade project has every chance to become a leader in the automated cryptocurrency trading market.

5.Tokenomics

An integral component of any asset is its tokenomics, which demonstrates the degree of processing of project development directions and the mechanisms for regulating its value and issuance. Carefully planned tokenomics help achieve project goals by ensuring its sustainability and long-term development. It also allows for defining the key stages of the project's evolution and optimizing resource allocation, which is critically important for success in the modern market.

Well-developed tokenomics consider various aspects such as a limited number of tokens, phased distribution, and the use of mechanisms to stimulate the activity of ecosystem participants. This creates a stable economic environment that promotes the growth of token value and attracts new investors and users. Moreover, effective tokenomics help prevent excessive market volatility, ensuring predictable project development.

Main Principles

The project is based on several key factors that form the foundation of the ALFT token's development concept:

➢ **Limited Emission:** A fixed number of tokens creates scarcity, which increases their value.

➢ **Use in the Ecosystem:** Extensive use of tokens for payment of services and fees on the platform increases demand for them.

➢ **Phased Distribution:** Mechanisms such as lock-up and vesting prevent sharp price fluctuations in the market.

➢ **Innovative Technologies:** The introduction of new technologies and algorithms enhances the platform's efficiency and attracts users.

➢ **Main Currency of the Social Network:** ALFT will be the main currency of the social network Izigram, which is a key player in the field of security, secure payments, and Artificial Intelligence integrated into the social network.

Vesting is the phased distribution of tokens over a certain period to ensure the long-term commitments of the team, investors, and partners. This protects the project from sharp sell-offs that could cause the token's value to drop. Vesting conditions include an initial lock-up period, after which tokens are distributed in parts on a regular basis.

TGE (Token Generation Event) is the initial distribution process of tokens.

 The entire tokenomics of the project was developed by the team, consultants in the field of economics, and industry leaders to ensure the most efficient distribution and use of tokens. This tokenomics allows for creating a sustainable and profitable ecosystem where each participant benefits from the long-term development of the project.

MAX SUPPLY ALFT 100 000 000

Category	Precent	Tokens	Price	Vesting
Seed	1%	1 000 000	0.10$	1 month lock, then 15% each month, for 7 months 20%
Private Round	1,5%	1 500 000	0.18$	1 month lock, then 10% each month
Partners Round	5%	5 000 000	0.25$	3 months lock, then 10% each month
Public Round	4%	4 000 000	0.35$	34% TGE, 33% Month 4 and 7
Airdrop	8%	8 000 000	-	10% TGE, then 5% each month for 18 months
VCs Early Round	4,3%	4 300 000	0.15$	8% TGE, 3 months lock, then 4% each month
Ecosystem	30%	30 000 000	-	4% for 1st month, then 2% each month
Liquidity, MM, and Liquidity Incentives	14%	14 000 000	-	20% TGE, 5% 2nd Month, then 3% each month
Advisors	7,5%	7 500 000	-	1 Year Lock, 20% every quarter
Team	14,2%	14 200 000	-	1 Year Lock, then 5 % each month
Marketing	9%	9 000 000	-	15% TGE, 3 months lock, then 10% every quarter
Treasury	1,5%	1 500 000	-	1 Year lock, then 4.16667% monthly

The vesting of the Alfred Trade project is designed to prevent manipulation and negative impacts on the price of the ALFT token. Thanks to harmonious distribution and lock-up of tokens, as well as implemented technologies, stable and positive development of ALFT is ensured.

Seed Round provides you with a unique opportunity to enter the project at the earliest stage at the lowest price. Vesting conditions with a 1-month lock-up and gradual distribution of tokens (15% monthly) ensure a quick return on investment and stable capital growth. This is the ideal option for those of you who are ready to support the project at its initial stage and gain maximum benefit in the long-term perspective.

Category	Precent	Tokens	Price	Vesting
Seed	1%	1 000 000	0.10$	1 month lock, then 15% each month, for 7 months 20%
Private Round	1,5%	1 500 000	0.18$	1 month lock, then 10% each month
Partners Round	5%	5 000 000	0.25$	3 months lock, then 10% each month
Public Round	4%	4 000 000	0.35$	34% TGE, 33% Month 4 and 7
VCs Early Round	4,3%	4 300 000	0.15$	8% TGE, 3 months lock, then 4% each month

Private Round offers you favorable conditions for acquiring tokens at a price lower than the market. Vesting with a 1-month lock-up and monthly distribution of 10% creates conditions for stable and gradual growth of your investments. Such conditions minimize risks and ensure a constant inflow of liquidity, making this round attractive for cautious investors like you, who seek stable income.

Partners Round is intended for strategic partners who can make a significant contribution to the project's development. Vesting with a 3-month lock-up and subsequent monthly distribution of 10% ensures long-term cooperation and trust between partners. Such conditions allow the project to develop steadily and minimize market impact, attracting partners ready for long-term investments.

Public Round makes the project accessible to a wide audience by offering a significant number of tokens. Vesting with 34% at token generation (TGE) and subsequent distribution of 33% at 4 and 7 months ensures quick liquidity and stable token value growth. This attracts new investors and those who want to strengthen their positions in the project while ensuring market stability.

VCs Early Round provides venture capitalists like you the opportunity to enter the project at an early stage under favorable conditions. Vesting with an initial release of 8% at TGE and a subsequent 3-month lock-up, followed by monthly distribution of 4%, minimizes risks and supports long-term stability. These conditions make the round ideal for large investors like you, ensuring stability and high returns in the long-term perspective.

Alfred Trade

Airdrop

An airdrop is the free distribution of tokens to users to attract new participants and increase project awareness. It stimulates activity, creates liquidity, and attracts investors. An airdrop expands the ecosystem, increases the token's value, and fosters community loyalty. It is an effective marketing tool that helps promote the project, receive feedback, and support development.

The main goal of the airdrop in our project is to provide you with a unique opportunity to experience the benefits of cutting-edge technologies and the power of artificial intelligence. By receiving ALFT tokens, you will be able to use some Alfred Trade and IZIGRAM products for free, gaining access to most of their features. You can also sell them and earn rewards for your contribution to the project. Try out advanced tools, increase your efficiency, and enjoy all the benefits without having to purchase subscriptions. Join our community and stay ahead with us!

Category	Precent	Tokens	Price	Vesting
Airdrop	8%	8 000 000	-	10% TGE, then 5% each month for 18 months
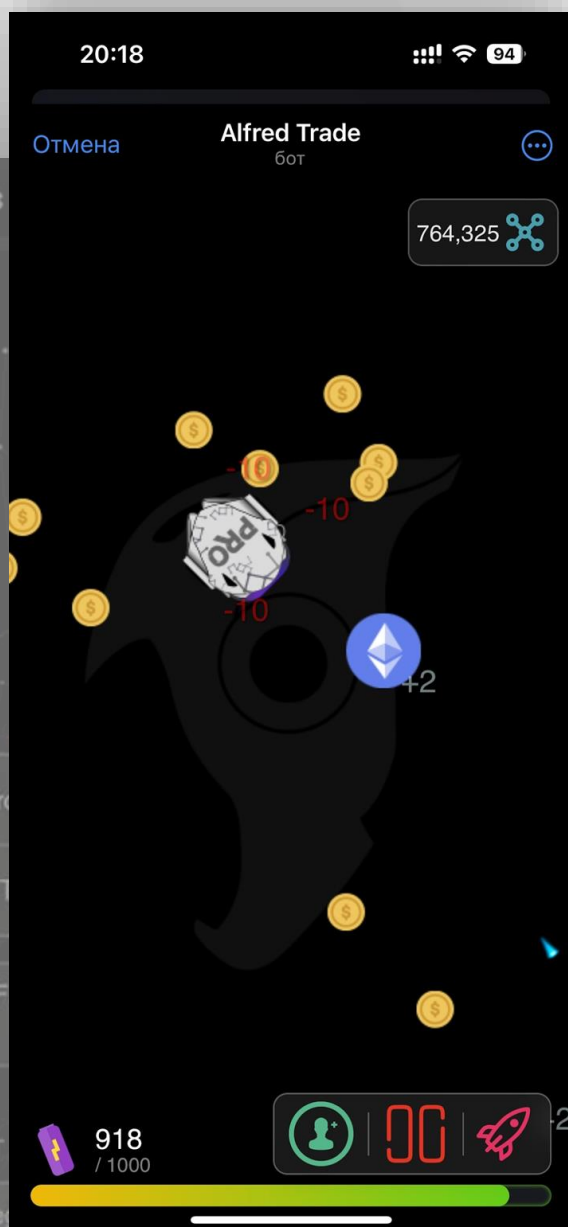
Just 3 simple steps!

1. Collect coins and earn neurons.
2. Follow our social media channels and earn neurons.
3. Exchange your neural network for ALFT tokens.
   - The more neurons you have, the larger your neural network.
   - Invite friends and earn neurons.
   - Use a boost for more effective battles.

Follow the link below and claim your Drop. The airdrop is available from the moment this document is published.

https://t.me/AlfredTrade_bot

ALFRED TRADE

Distribution Logic

X = total number of neurons of all users

Y = price per 1 neuron in ALFT

Z = number of user's neurons

$$8\ 000\ 000\ /\ X = Y$$
$$Y * Z = \text{amount ALFT}$$

An important factor is that the project distributes a fixed and pre-specified number of tokens, ensuring transparency and fairness in the distribution. This means that the project will not keep any tokens for the team, sell them for its benefit, or influence their price in the future. This simple algorithm for distributing ALFT tokens guarantees that each user will receive a number of tokens proportional to their efforts.

Important! All tokens that are not activated within 15 days after listing on any platform will be removed from supply and destroyed! The project will announce official sales in all official social media channels and on the website. Follow our news.

Team

Category	Precent	Tokens	Price	Vesting
Team	14,2%	14 200 000	-	1 Year Lock, then 5 % each month

The Alfred Trade team is committed to the project's development, transparency, and openness in the cryptocurrency and IT industry. We strive to make the world better and simplify life for developers and traders.

Therefore, the team will not have access to the tokens for 1 year. Subsequently, the team will receive and distribute 5% of the tokens monthly. This vesting ensures that the team cannot negatively impact the token's price and remains motivated to develop and improve the project.

Joining Alfred Trade is always open, and we would be glad to have you on our team. Contact us, and we will discuss collaboration.

ALFRED-TRADE.COM

Marketing

Category	Precent	Tokens	Price	Vesting
Marketing	9%	9 000 000	–	15% TGE, 3 months lock, then 10% every quarter

The marketing strategy of Alfred Trade has been developed taking into account best practices and the project's needs. The allocation of resources for marketing is critically important for ensuring brand recognition, attracting new users and investors, and supporting community growth.

Why is marketing important for the project?

- **Increasing Brand Recognition:** Marketing helps make the project recognizable in the market, which attracts new users and investors.

- **Attracting New Users:** Effective marketing campaigns help attract new users to the platform, increasing its popularity and liquidity.

- **Supporting the Community:** Active marketing efforts help maintain engagement and interest in the project from existing users.

Marketing Vesting

Marketing activities' vesting is designed to ensure gradual use of resources, which allows:

- **Ensuring Long-Term Growth:** Gradual use of resources guarantees stable funding for marketing activities over a long period.

- **Preventing Manipulations:** This approach helps avoid sharp fluctuations in the token price due to excessive issuance in the market.

Advisors

Category	Precent	Tokens	Price	Vesting
Advisors	7,5%	7 500 000	–	1 Year Lock, 20% every quarter

Expert Support: Advisors provide valuable recommendations and expertise in the fields of cryptocurrency and IT.**Strategic Guidance:** They help in the development and implementation of long-term strategies. **Network Expansion:**They provide access to useful contacts and partnerships.

Resource Allocation

- **Attracting Leading Experts:** Ensuring quality support.
- **Increasing Trust:** The presence of well-known specialists increases trust in the project.

Treasury

Category	Precent	Tokens	Price	Vesting
Treasury	1,5%	1 500 000	–	1 Year lock, then 4.16667% monthly

What is Treasury and who manages it?

Treasury is a special fund created to ensure the financial stability and support of the Alfred Trade project. It consists of tokens that are stored for financing future initiatives and unforeseen expenses. The Treasury is managed by the project team, which makes decisions regarding the allocation of these funds.

Why is Treasury important?

1. **Financial Stability:** Ensures reserves for unforeseen expenses.
2. **Project Development:** Supports the financing of new initiatives and platform expansion.
3. **Security Guarantee:** Creates a financial cushion for the project's long-term stability.

Resource Allocation

- **Financing Future Developments:** Guarantees that the project has enough funds for implementing innovations.
- **Supporting Liquidity:** Ensures the ability to respond to market conditions.

Liquidity, MM, Liquidity Incentives and Ecosystem

Category	Precent	Tokens	Price	Vesting
Liquidity, MM, and Liquidity Incentives	14%	14 000 000	–	20% TGE, 5% 2nd Month, then 3% each month
Ecosystem	30%	30 000 000	–	4% for 1st month, then 2% each month

1. Liquidity:
   - Ensures price stability by reducing volatility.
   - Facilitates token trading, increasing their attractiveness.
2. Market Making (MM):
   - Maintains constant availability of tokens for trading.
   - Ensures a balance between supply and demand.
3. Liquidity Incentives:
   - Encourage users to provide liquidity.
   - Increase overall activity on the platform.
4. Ecosystem:
   - Creates an integrated and sustainable platform.
   - Ensures collaboration between all ecosystem participants.

Timing

The **Seed Round** sales officially begin with the publication of this document on our website and social media, where possible. The Alfred Trade project is primarily interested in developing a large-scale platform where traders and beginners can easily obtain a quality, reliable, and stable product. We aim to develop a large server infrastructure to provide access to all Alfred Trade products to everyone. Therefore, the first 3 rounds do not have specific timings, and the Public Sale is scheduled for Fall 2024. The exact dates of the Public Sale will be announced on all our official social media pages and our website.

Seed Round

Private Round

Partners Round

Public Round

Airdrop

VCs Early Round

We offer a unique opportunity to participate not only in the **Public Round**. The number, conditions and current round are always available on our social networks and website.

Telegram UKR/ENG channel

https://t.me/AlfredTrade

Instagram

@alfred_trade_ai

Site

https://alfred-trade.com

WEB 3.0 wallet / Buy Token / AI / Airdrop

https://t.me/AlfredTrade_bot

What Value Does the ALFT Token Hold?

Improving Access to Advanced Trading Technologies

The ALFT token provides access to exclusive features and services on the Alfred Trade platform, such as AI trading robots and automated strategy analysis. This allows traders of all levels to increase the efficiency of their trading operations, minimizing risks and saving time.

Supporting Innovative Educational Programs

By investing in ALFT tokens, users gain access to educational resources at Alfred School, where they can learn modern trading methods and use AI tools. This fosters the development of a more educated and skilled community of traders, which, in turn, improves the overall stability and growth of the market.

Time Savings and Increased Efficiency

Using Alfred Trade tools allows automating most routine operations, reducing the time users spend on analysis and decision-making. Time savings reach 90%, and trading efficiency increases by more than 500%.

Freedom of Speech – Security – Earnings

ALFT will become the main currency of the revolutionary social network **IZIGRAM**, which guarantees true freedom of speech. Thanks to **END-TO-END** encryption (Signal protocol), your data will be fully protected. **IZIGRAM** promotes advanced artificial intelligence technologies and cryptocurrency, offering users a unique experience. The application is developed by leading Ukrainian specialists, and security is verified by independent military industry experts, ensuring the highest level of trust and protection. IZIGRAM users will be able to conduct their business and communication with 100% control over their data and funds! The app is already successfully being developed by a separate group of developers with the participation of leading security experts!

Unique Opportunities

Token holders will receive many unique opportunities that will help increase overall capital, provide voting rights, and the ability to directly participate in the further development of the company. A token holder is not just an investor but also a participant and partner of the platform. Together with you, we will make important decisions and move forward!

By purchasing our tokens, you not only get a financial asset but also an opportunity to become part of an innovative project that is changing the future. Your participation will allow us to jointly develop the platform, make strategic decisions, and reach new heights.

Here is an incomplete list of available benefits for ALFT holders:

- **Access to Exclusive Platform Features:** Investors who buy ALFT tokens gain access to exclusive features and services on the Alfred Trade platform. New models and versions of AI will be primarily available to ALFT holders.
- **Value:** While we cannot guarantee the token's price, an analysis by many leaders in the field of cryptocurrency and economics suggests an expected price of $2 per 1 ALFT.
- **Priority Right to Participate in Future Funding Rounds:** ALFT token holders have a privileged right to participate in new Alfred Trade initiatives, opening up opportunities for additional earnings.
- **Passive Income from Staking:** Investors can earn passive income through staking ALFT tokens, receiving regular payments without the need to actively trade.
- **Participation in Platform Management:** ALFT token holders receive voting rights on key issues of platform management and development. This allows investors to directly influence important decisions and the strategic direction of Alfred Trade's development.
- **Loyalty Programs and Bonuses:** Investors who hold a significant number of ALFT tokens are eligible to participate in special loyalty programs and receive bonuses.

IZIGRAM

Use, purchase, and sale of tokens in the IZIGRAM project. This state-of-the-art social network is designed to comfortably and smoothly integrate advanced technologies into your life, regardless of age. IZIGRAM opens up limitless possibilities for you, including:

- Cryptocurrency
- Artificial Intelligence
- **Absolute security and functional anonymity** (stealth mode)
- **Business and sales organization**
- **Secure transactions of any kind** (if not against the law)

IZIGRAM is a revolutionary software solution that combines the best features of modern social networks and platforms for online business and dating. Experience the advantages of the future! The main payment currency will be ALFT, but other stable and reliable coins, such as Bitcoin and Ethereum, will also be available.
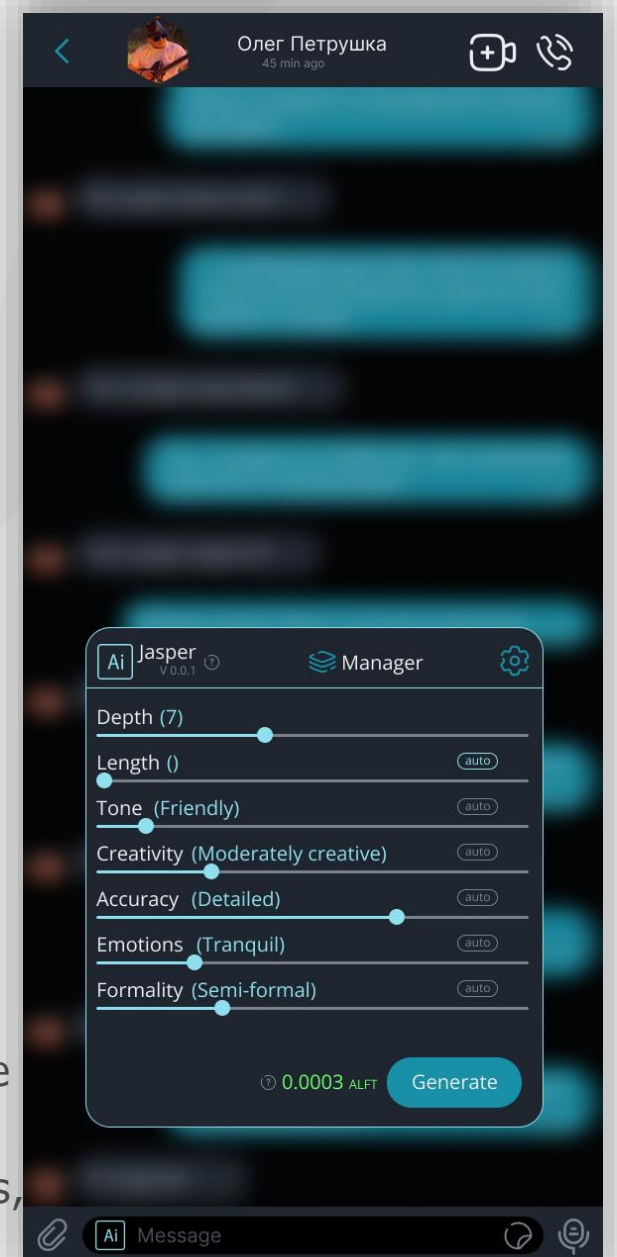
Buying ALFT

Method 1: Using Alfred Trade Web 3.0 Wallet

The fastest and most secure way to purchase ALFT tokens is to use our advanced Web 3.0 wallet, Alfred Trade. This wallet is designed for maximum convenience and security for our users:

1. Create and Set Up Your Wallet: If you don't already have an Alfred Trade Web 3.0 Wallet, start by installing it. Go to our official Telegram Bot and open the WebApp, then go to Wallet. The process only takes a few minutes and does not require any special technical knowledge.

2. Fund Your Wallet: Once you have created your wallet, fund your balance. You can transfer cryptocurrency from another wallet.

3. Purchase ALFT Tokens: After funding your balance, click on the ALFT token and then on the Buy ALFT button. Select the active round and the amount of ALFT tokens you want to purchase, and confirm the purchase. Your tokens will be instantly displayed on your balance.
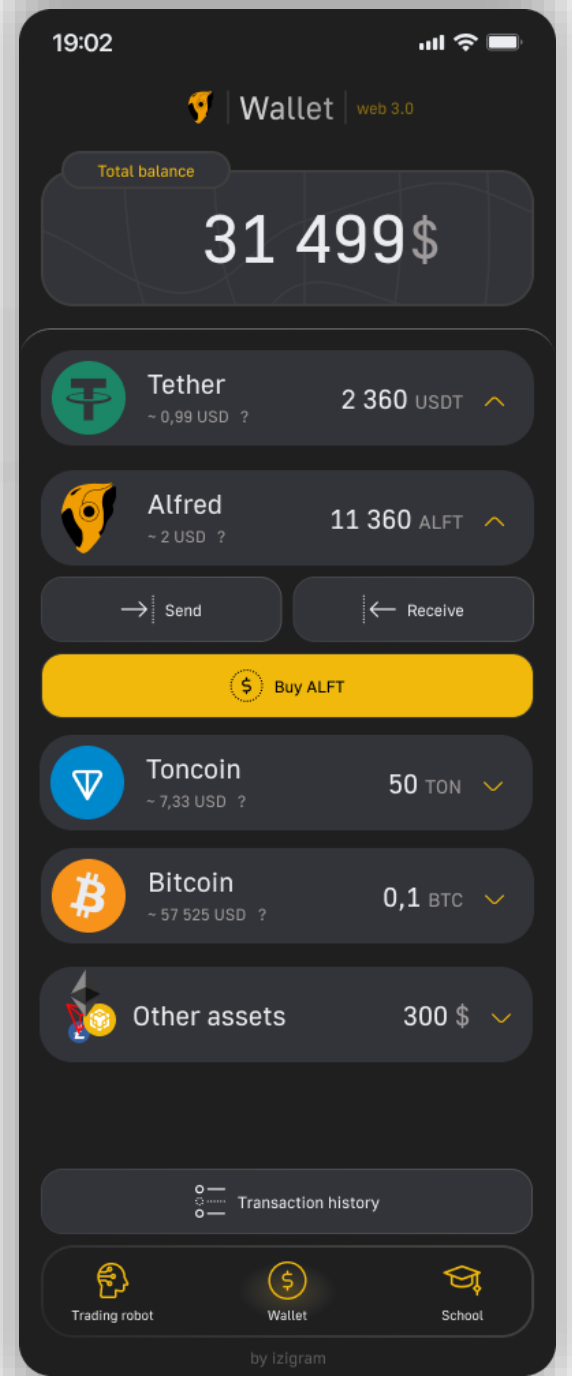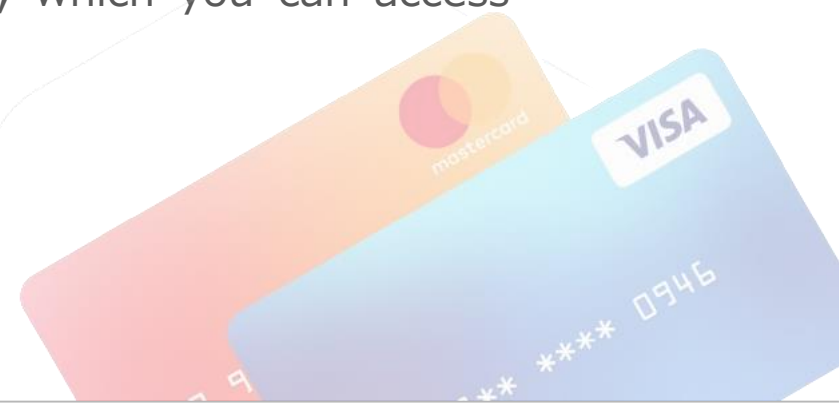
Method 2: Bank Transfer

For those who prefer traditional payment methods, we offer the option to purchase ALFT tokens via bank transfer.

This method is suitable for large investors and provides classic transaction reliability:

1. Contact the Administration: Find our contact details at the end of this document and contact us in a way that is convenient for you. Indicate your desire to purchase ALFT tokens and the amount you plan to invest.

2. Receive Payment Details: In response to your request, our administration will provide you with all the necessary details for a bank transfer. You will also be provided with instructions on how to fill out a payment order.
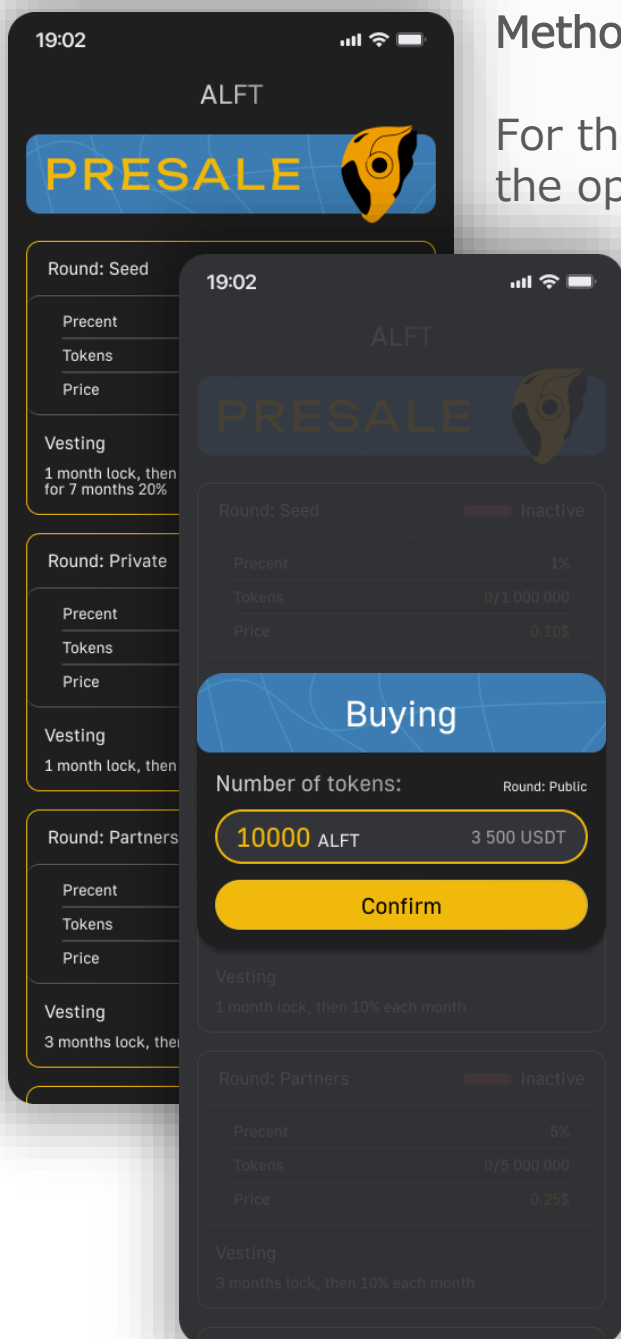
3. Make a Transfer: Make a bank transfer using the provided details. Once the transfer is confirmed, we will assign you ALFT tokens, which you can access through our WEB 3.0 Wallet.

WEB 3.0 Wallet

Our wallet gives users complete control over their assets, eliminating any possibility of access by unauthorized persons. Utilizing cutting-edge blockchain technologies, we've crafted a wallet that not only stores your cryptocurrencies but also safeguards them with the latest encryption methods. Your data is under unparalleled protection: only you have access to it.Advanced security technologies ensure your privacy at the highest level, making it inviolable and absolute. The decryption key is solely yours, and no one else, not even hypothetically, can access your funds without your smartphone and decryption password.

Alfred Trade Web 3.0 Wallet supports a multitude of cryptocurrencies, empowering you to manage your assets in one convenient location. Our goal is to make cryptocurrency management simple and secure, even for those with no technical expertise. Our wallet's intuitive interface allows you to perform all necessary operations effortlessly and swiftly. For enhanced accessibility, we've integrated the wallet into Telegram. No software download or registration is required.
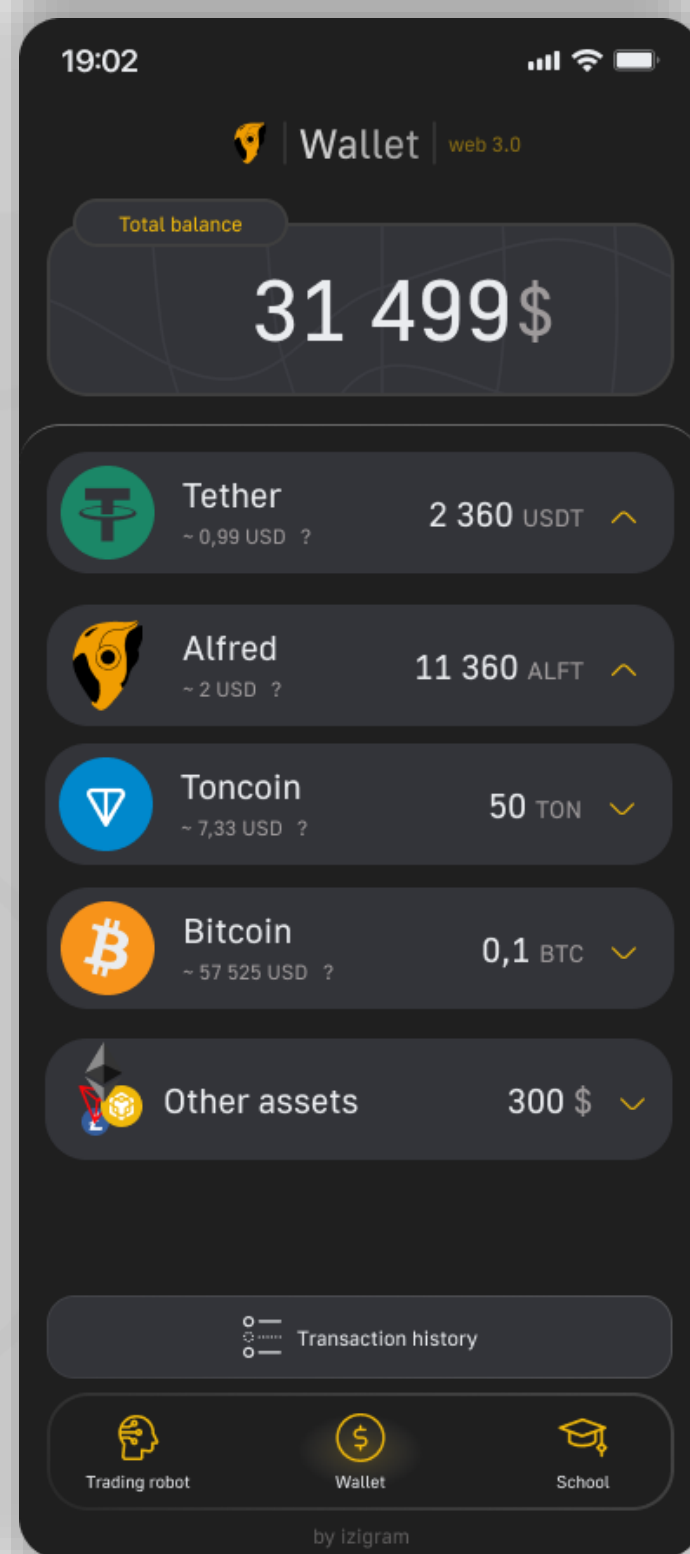
Why Web 3.0 Matters Today

Data security is a crucial aspect of Web 3.0. Blockchain technologies enable robust protection of data from hackers and cyberattacks. User privacy is also elevated to a new level as users retain control over their data and can be confident in its security.

Economic efficiency is another advantage of Web 3.0. Eliminating intermediaries reduces transaction costs, making financial operations more accessible and beneficial. This is particularly important in the cryptocurrency realm, where transaction speed and cost play pivotal roles.

Alfred Trade is a step into the future where your digital assets are secure, trading is automated, and you have complete control over both the situation and your assets. We invite you to become a part of this future, support the development of decentralized systems and AI. Join us today and experience the full benefits of modern technologies. Your security and autonomy are our priority!

ROADMAP

ALFRED

PYTORCH

Model development

TRAINING

Training a neural network model

TESTS

Alpha Tests

ADJUSTMENT

Model adjustment

MODEL №2

Establishment and training of an additional model for conducting control checks

TESTS

Alpha Tests

BETA

Beta testing

ALFRED TRADE

TELEGRAM BOT
Creating a Telegram bot to control a neural network

CONNECTING USERS
Connecting clients to the network for beta testing

OPTIMIZATION
Network optimization for additional loads

SITE DESIGN
Website design development

SITE UPDATE
Site update and new features added

ALFRED LAB
Alpha Testing Alfred Lab

SCHOOL
School run

IOS/ANDROID
Launching IOS/Android Applications Parallel Launching Windows Applications

ALFRED-TRADE.COM

ALFRED V2

Beta Alfred Bot v2

BETA ALFRED LAB

Launch and open access to Beta
Alfred Lab

READY ALFRED V1

READY ALFRED V2

READY ALFRED LAB

https://alfred-trade.com/roadmap.html

Our journey began in 2021. We meticulously analyzed each step and aimed for a stable and impeccable result that would satisfy even the most demanding traders, investors, and beginners. We have already overcome the most challenging path and successfully completed more than half of our Roadmap. There's just a bit more to go before we, together with you, change the world! Below you will find a detailed description of all our steps.

1. PyTorch – Model Development
   - **Description:** Development and setup of the first neural network based on PyTorch. Advanced deep learning algorithms are used to ensure high accuracy and efficiency of the neural network.
   - **Goal:** To create a foundation for a trading robot capable of analyzing market data and generating highly accurate trading signals.
2. Training – Training a Neural Network Model
   - **Description:** Training the created model on historical market transaction data.
   - **Goal:** To achieve high accuracy and reliability in the trading robot's predictions.
3. Test – Alpha Tests
   - **Description:** Conducting internal alpha testing of the model. Checking the accuracy and stability of the neural network in real market conditions.
   - **Goal:** To identify and correct potential errors and inaccuracies in the model's operation.
4. Adjustment – Model Adjustment
   - **Description:** Making necessary adjustments to the model based on the results of alpha testing. Optimizing parameters to improve performance.
   - **Goal:** To enhance the model's accuracy and stability.
5. Model 2 – Establishment and Training of an Additional Model for Control Checks
   - **Description:** Development and training of a second neural network model to be used for control checks and additional validation of trading signals.
   - **Goal:** To provide an additional level of control and accuracy in predictions.
6. Tests – Alpha Tests
   - **Description:** Conducting the second phase of alpha testing involving both models. Checking the synchronous operation and interaction of the models.
   - **Goal:** To ensure the synchronous and correct operation of both models to improve prediction accuracy.
7. Beta – Beta Testing
   - **Description:** Starting beta testing with a limited number of users. Collecting feedback and data for further optimization.
   - **Goal:** To gather real feedback from users and improve the model based on the obtained data.
8. Telegram Bot – Creating a Telegram Bot to Control a Neural Network
   - **Description:** Development of a Telegram bot that allows users to control the neural network and automate the trading process.
   - **Goal:** To provide a convenient interface for users to interact with the neural network.

9. Connections Users – Connecting Clients to the Network for Beta Testing
   ○ **Description:** Connecting the first clients to the network for participation in beta testing. Providing access to the Telegram bot and other tools.
   ○ **Goal:** To start large-scale testing and collect data from real users.
10. Optimization – Network Optimization for Additional Loads
   ○ **Description:** Optimizing the neural network to support a large number of users and increase the load.
   ○ **Goal:** To ensure stable system operation with an increasing number of active users.
11. Site Design – Website Design Development
   ○ **Description:** Creating a modern and user-friendly design for the official Alfred Trade website.
   ○ **Goal:** To provide an attractive and intuitive interface for new users.
12. Site – Site Update and New Features Added
   ○ **Description:** Updating the functionality and content of the site based on the new design. Including information about the current status of the project and available features.
   ○ **Goal:** To provide up-to-date information and improve the user experience on the site.
13. Alfred Lab – Alpha Testing Alfred Lab
   ○ **Description:** Launch and internal testing of the Alfred Lab for automated analysis and testing of trading strategies.
   ○ **Goal:** To test and optimize the functionality of the lab before public launch.
14. School – School Run
   ○ **Description:** Opening the Alfred School online with relevant courses and the use of artificial intelligence in trading.
   ○ **Goal:** To educate users and attract new clients through educational initiatives.
15. iOS/Android – Launching iOS/Android Applications Parallel Launching Windows Applications
   ○ **Description:** Development and launch of mobile applications for iOS and Android, as well as desktop applications for Windows.
   ○ **Goal:** To provide users with access to the Alfred Trade platform from any device.

16. Alfred v2 – Beta Alfred Bot v2

- ○ **Description:** Launching the second version of the Alfred trading robot and starting its beta testing with user participation.
- ○ **Goal:** To test new features and improvements made in the second version of the robot.

17. Beta Alfred Lab - Launch and Open Access to Beta Alfred Lab

- **Description:** Public beta testing of the Alfred Lab with the participation of all platform users.
- **Goal:** Collect feedback and data for further optimization of the lab.

18. Ready Alfred v1

- **Description:** Completion of development and official presentation of the first version of the Alfred trading robot.
- **Goal:** Launch the first stable version of the robot for all platform users.

19. Ready Alfred v2

- **Description:** Completion of development and release of the second version of the Alfred trading robot with improved features and performance.
- **Goal:** Provide users with access to an enhanced version of the robot to increase their trading efficiency.

20. Ready Alfred Lab

- **Description:** Official release of the Alfred Lab for all platform users.
- **Goal:** Provide users with powerful tools for automated analysis and strategy testing.

After in-depth and thorough research, we have identified several promising solutions to the global problem of automated trading. To provide users with the ability to choose and adapt to their needs, we are developing two main neural networks, each with its unique advantages. The first neural network has already demonstrated impressive results, and we are ready to offer it to our clients in the future. The second network, with equally ambitious capabilities, will soon be presented to our community.

Team

Key Team Members

Founder / Developer
Oleksandr Lavrikov

Specializes in the development of deep neural networks. Participates in the creation of blockchain algorithms. Supports and develops encryption protocols. Involved in developing natural language processing models. Leads projects in international companies with teams of up to 150 people.

Developer

Andriy Symanyshyn

Expert in deep neural networks, machine learning, automation, computer vision. Involvement in the development of innovative solutions for business process automation and the application of computer vision in the medical field for disease detection and prevention.

Developer
Oleh Petrushka

Specializes in decentralization, cybersecurity, database architecture, and infrastructure. Expert in creating scalable and secure systems. Ensures the reliable operation of the platform by implementing advanced technologies in decentralization and cybersecurity.

Economist

Khrystyna Mykhalevych

Expertise in economic analysis, business planning, and accounting. Specialist in financial management and economic analysis. Develops strategic plans to optimize resources and increase efficiency, ensuring the financial stability of the project.

Marketer
Maksym Diakiv

Expert in marketing strategies, market and competitor analysis, and advertising campaigns. Master in developing innovative marketing strategies to increase brand recognition and attract customers. Possesses deep market knowledge, enabling effective project positioning through creative advertising campaigns.

In addition to the core team, our project is supported by over 15 highly qualified specialists who actively contribute to the development of Alfred Trade. These professionals work in various directions, ensuring comprehensive development and support for our platform

Blockchain Specialists

Big Data Engineers

Cybersecurity Specialists

Software Developers

Analysts

Finance

Legal Professionals

Management

Design

WEB3.0 Developers

Marketing Professionals

Testing Specialists

Thanks to the coordinated efforts of our core team and the invaluable support of auxiliary specialists, the Alfred Trade project is continuously evolving. We actively implement the latest innovations and technologies, laying a strong foundation for future services. Every member of our team, from developers to cybersecurity specialists and marketers, strives to achieve a common goal - to provide our users with the best opportunities for successful cryptocurrency trading.

Although our services are still in development, we constantly improve our products and technologies, adapting to market changes and user needs. This ensures that in the future, the Alfred Trade platform will be stable and productive. Your trust is our priority, and we do everything possible to ensure you can be confident in our new services, knowing that your interests and security are always our top priority.

Risk Analysis and Mitigation Strategy

The Alfred Trade project is where we revolutionize investing, prioritizing your success and well-being. We understand that investing in cryptocurrency can seem complex and even risky, but our goal is to make this process as stable and reliable as possible for you.

Our team, akin to space engineers, continuously works to ensure that investing in ALFT is safe and transparent. We use the latest protection technologies to minimize all possible risks. With our platform, you can be confident that your investments are protected by the most advanced means.

We want our partners to fully understand the possible risks and the strategies to minimize them. We have described each risk and the measures we take to eliminate it. Our solutions are based on deep analysis and years of experience in the cryptocurrency and business sectors.

Understanding these aspects will help you make informed decisions and confidently move toward financial success with ALFT. Remember, we are always here, ready to support you every step of your investment journey.

Our priority is your confidence and peace of mind. We strive to achieve the highest standards of transparency and security to provide you with the best investment conditions. Your trust is our main value, and we will do everything possible to justify it.

Thank you for your belief in our project and for the opportunity to work together.

Investing in ALFT tokens carries various risks that can impact their value, liquidity, and overall attractiveness. Let's delve into each of the primary risks investors may face and explore potential mitigation strategies.

Competition

Alternative projects using similar technologies or business models may emerge in the market, creating competition for ALFT and potentially affecting the value and popularity of the tokens.

- Continuous improvement and development of the platform to ensure competitiveness.

- Active marketing campaigns to increase brand recognition and attract new users.

- Regular market and competitor analysis to identify new trends and adapt to them.

Support

The Alfred Trade project may not receive sufficient support or interest from users and investors. Lack of interest can be due to various factors, including competition from other projects, ineffective marketing campaigns, or negative user feedback.
- Active marketing campaigns to attract new users and investors.
- Improving user experience and implementing innovative solutions to enhance platform attractiveness.
- Regularly collecting user feedback and promptly responding to their needs and comments.

Regulations

Cryptocurrency regulation remains ambiguous in many jurisdictions. Legislative changes can affect the usability of ALFT tokens or require changes in the project functionality to comply with new regulatory requirements.
- Constant monitoring of legislative changes and adaptation to new requirements.
- Collaboration with legal firms to ensure compliance with local and international regulations.
- Preparation for potential regulatory changes in advance and flexibility in implementing necessary adjustments.

Taxation

Tax legislation regarding cryptocurrencies can vary by jurisdiction. Investors may face unforeseen tax obligations when buying, holding, and selling ALFT tokens.
- Providing users with information on potential tax implications and recommendations for resolving them.
- Collaborating with tax consultants to develop strategies for optimizing token holders' tax obligations.
- Regularly informing investors about changes in tax legislation that may affect their assets.

Cybersecurity

Cybercrime poses a significant risk for cryptocurrency projects. Despite security measures, there is a possibility of token theft through hacker attacks or software vulnerabilities.
- Using reliable encryption methods to protect data and tokens.
- Implementing two-factor authentication for an additional level of security.
- Regular security audits and penetration tests to identify and eliminate vulnerabilities.

Technology

The technological infrastructure of the ALFT project is crucial to its success, but any system can experience failures or attacks, as no equipment is 100% reliable. Technical issues can temporarily affect platform functionality and negatively impact token value.

- Using advanced technologies to protect and enhance the platform's infrastructure.
- Regular software updates to prevent technical failures.
- Maintaining data backups and recovery plans for quick restoration in case of technical problems.

Unforeseen Threats

There are risks that may be unpredictable at the time of project creation. These risks can arise from a combination of known factors or new, unknown threats.

- Developing contingency plans for quick response to unforeseen risks.
- Continuous market monitoring and analysis of new threats for timely identification of potential risks.
- Flexibility in implementing new solutions and adapting to environmental changes to minimize the impact of unforeseen risks.

ALFRED TRADE

Site — alfred-trade.com

Instagram — @Alfred_Trade_Ai

Telegram — @AlfredTrade

Mail — support@alfred-trade.com

WEB 3.0 / Wallet / Buy Token / AirDrop / AI — t.me/AlfredTrade_bot

Author

@crypto.hirurg
author@alfred-trade.com

Contacts