

keyAI

Restoring Access, Recovering Value

A research project in the field of cryptography and AI aiming to develop an algorithm capable of predicting private keys based on public ones using deep learning

Problem

~ 20%

of all cryptocurrencies (as of 2023) are inaccessible due to lost access keys



Cryptoasset Losses

Cryptocurrency owners can lose access to their assets if they forget their private keys or if these keys get lost or stolen



Growth

With the increasing popularity and value of cryptocurrencies, this problem is growing significantly

Value Proposition

Over \$400 B

of 2023 could
potentially
be recovered

**KeyAI is advanced AI model capable
of predicting private keys from public keys**

Our solution will help in recovering lost or forgotten keys,
thereby restoring access to valuable cryptocurrency assets

AI

Business Model

**We plan to charge users a fee
as a percentage of the value
of the restored assets**

This could vary depending on the size of the assets
and the complexity of key recovery



KeyAI. How it works

The process is iterative and we might loop through steps multiple times as we continually strive to improve our model's performance to the desired results

1 Data Collection

We will collect a large sample of data sets involving both public and private key pairs. The data will be processed and formatted for further training and testing purposes

2 Data Preprocessing

Preprocessing will involve cleaning the data and converting it into a format suitable for training our model. We will also partition the data into training, validation, and test sets

3 Model Development

Design and developing of neural network model that is capable of learning the relationship between the public and private keys

4 Training the Model

The training phase will involve feeding our model the training data set. We'll use advanced algorithms to gradually adjust the model parameters for better predictions

5 Validation

We will use our validation data set to fine-tune the model's parameters and hyperparameters, to ensure that our model is not overfitting or underfitting

6 Testing

The final step involves testing our model on the test dataset. This will allow us to measure the performance and predictive power of our model

7 Evaluation and Improvement

Based on the test results, we will evaluate the strengths and weaknesses of our model. We will then refine and tweak the model to improve its performance

8 Real-world trials

After satisfactory lab results, we will initiate real-world trials with a select sample of lost private keys to validate our model's effectiveness in real-life scenarios

Market

Total Cryptocurrency Market Cap

According to crypto.com for 2021 year
there are over 200 million cryptocurrency users



Go-to-Market Strategy



Online crypto communities



Forums



Direct marketing

Partnering with crypto exchanges could be another route to market

Scaling Strategy

After creating a successful MVP and receiving positive results, we plan to scale our services by attracting more users and expanding our operations

Competitive Analysis

Open Market

Currently, there are **no direct competitors** in the market offering similar solutions for crypto asset recovery. This provides us with a unique opportunity to secure a substantial market share and set industry standards

Unique Solution

Our **AI-based** product enables users to regain access to their lost crypto assets. This addresses a significant need in the current cryptocurrency space, creating substantial **opportunities for growth**

Barriers for Competitors

Our technological solution and the specifics of our business model provide substantial entry barriers for new market players

Growth Prospects

Given the rapid growth of the cryptocurrency market and the ever-increasing demand for crypto asset security, we see enormous potential for scaling. With a thoughtful approach to bizdev, our company's capitalization could exceed **\$ 1B within 3 years**

Team

Management



Bekzad Dzhanpolatov

Founder | CEO

Blockchain [expert](#), [entrepreneur](#)
with a background in sales, retail, commerce.
A knack for solving complex problems,
leading the project.



Yakov Filin

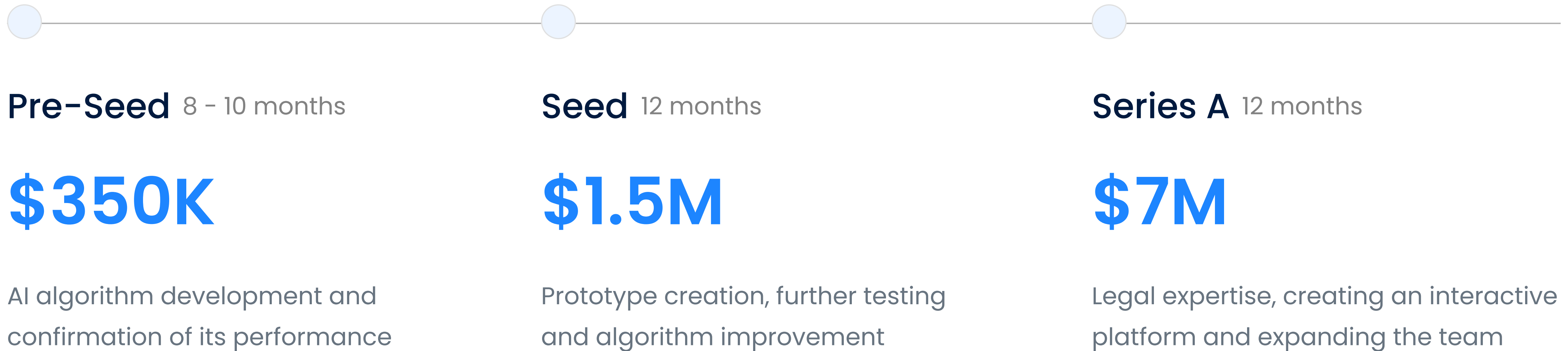
CTO

[PhD](#) Computer Sciences. Machine and Deep
Learning Development [AI](#). [Serial Entrepreneur](#).
Awarded the Open Data Science Awards 2019
for developing the AI developer community

* In addition to other specialists in cryptography and mathematics



Milestones



Pre-Seed 8 - 10 months

\$350K

AI algorithm development and confirmation of its performance

Seed 12 months

\$1.5M

Prototype creation, further testing and algorithm improvement

Series A 12 months

\$7M

Legal expertise, creating an interactive platform and expanding the team

The ask

Pre-seed

\$350K

for a 8-10 months runway, majorly for hiring AI specialists, to develop our MVP, cover operational costs, and prepare for a seed round, procuring necessary computational resources

We offer

10%

stake in our project for
an investment of \$350K

Potential Return

Our model implies **high profitability** due to the unique nature of the services offered and high demand. In addition to revenue from commissions for asset recovery, we are also considering **additional monetization opportunities** in the future. However, like any startup, returns on investment will largely depend on the successful implementation of the business model and achieving key development milestones

Privacy and Security

Objective

The primary goal of our product is to assist in the recovery of lost assets.

We are not aiming to create a tool for malicious actors. Maintaining the confidentiality and security of our clients is our top priority

Rigorous Verification Process

We will be implementing stringent verification procedures to ensure that the recovery services are used **only by the account owners**. This process may involve various methods for instance identity checks and/or proof of account ownership prior to its lockout

Benefit to Clients and Crypto Community

Our work is aimed **at supporting and strengthening the cryptocurrency community, not deteriorating it**. Assisting in the recovery of lost assets bolsters trust in cryptocurrencies and aids in increasing their usage

Product Safety

Our technology and processes will be designed in such a way as to prevent misuse. This includes **secure data storage** and processing, the **use of modern encryption methods**, and other security measures

Legal Support

All our actions will comply **with the law**.

We are closely monitoring changes in cryptocurrency regulation and are ready to adapt quickly to them

Risks

Like any venture, especially in the field of technology and cryptocurrencies, our project carries certain risks. The main risks are:

Technical difficulties

Technical difficulties in developing and testing the model,

Environment of crypto

Changes in the regulatory environment of cryptocurrency

Market

Risks associated with the uncertainty of the cryptocurrency market

We are taking all measures **to minimize these risks**, including attracting highly qualified specialists, participating in industry advisory groups, and constantly monitoring changes in the regulatory environment

Contacts

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With KeyAI, we're leveraging the power of AI to solve a growing problem in the crypto space.
Join us on this exciting journey to unlock the future of cryptocurrency asset recovery

KEYAI

Legal Compliance and Ethical Conduct

Mission and Core Values

Our mission is to create a tool that empowers crypto asset owners by aiding in the recovery of lost access to their assets. Our operations are founded on principles of privacy, security, and ethical usage, and we're committed to promoting the positive application of our product

Adherence to Law

We are committed to conducting our business in strict compliance with existing legal frameworks, including international legislation related to cryptocurrencies and privacy. We will stay abreast of legislative changes and ensure our operations consistently meet legal standards

Collaboration with Law Enforcement

If any suspicions of abuse arise regarding our services, we stand ready to collaborate with law enforcement agencies, supplying necessary information within the legal boundaries

Security and Verification Protocols

We are dedicated to maintaining the highest level of security for our product. This includes stringent verification procedures to prevent misuse, and advanced security measures to safeguard our customers' data integrity and confidentiality