Onchain Autonomous Kernel

A Substrate blockchain re-designing smart contract virtual machine for autonomy

Chris Li
Founder, OAK Network

Our Vision

Ignite Web 3.0 business transformation

The Team

A diverse team of open-minded talents working together to build the decentralized future.

Chris Li

Founder

Ex-Microsoft, Rust, EVM Solidity and EOS dApp developer, U of Illinois

Ariel Muslera

Co-founder and COO

CEO at RSK Innovation Studio, Strategic Advisor at IOVLabs, Columbia MBA

Jay Lin

Community Manager, Asia

Community manager of Cosmos, Irisnet China, EOS dApp

Leah Li

Head of Marketing & PR

Marketing, AWS China
Data analyst, Meituan(3690.HK)

Charles Chen

Staff Software Engineer

10+ year veteran developer. Rust, Node.js and React Native

Advisors

Backed by the most prominent innovators and thought leaders in the blockchain industry

Yiannis Varelas

Monday Capital

Founding Partner

Michael Daugherty

AngelList

Ex-Chief Strategy Officer

Ryón Nixon

Solana

Ex-General Counsel

Synthetix

U.S. Counsel

Hackathon Goals

To create a crowdfunding campaign platform based on Quadratic Funding mechanism for Polkadot projects

Create a Quadratic Funding Crowdfunding Campaign dApp

Match contributions from everyday citizens with a pool raised from bigger donors.

Included Features:

- A landing page displaying campaigns and participating projects
- Project pages presenting the specs including project name, descriptions, builders, wallet address, etc.
- User contribution via polkadot.js wallet extension.
- Transaction catalogue for users to query contribution history.
- Interactive GUI showing real time matching results in self-explanatory charts.
- Likes and comments for user interaction.

DEMO

Future Roadmap

Development and community growth plan of the next three years down the road

Q1 2021

Event-driven execution model VM PoC
Substrate chain and pallet PoC
Web3 Open Grant - Quadratic Funding start
Polkadot.js extension wallet contribution

Q2 2021

OAK virtual machine alpha launch
OAK blockchain testnet launch
Rococo parachain integration
Web3 Open Grant M1 & M2 delivery

Q3 2021

Enable Council Governance
Kusama parachain slot auction

Q1 2022

OAK virtual machine 1.0 launch
Polkadot Parachain auction
Developer incentive program activation

Q2 2022

OAK network relay trial period
Community reward program activation

Q3 2022

OAK on-chain scheduler debut
Transaction delegation MVP launch

Q4 2022

Auto-task Crowd-sourcing platform launch
Mobile task management app development

Q2 2023

Business Development
Partner integration
Mobile all-in-one task-management app launch

We Are Hiring!

Please stop by and say hi

SUBSTRATE RUST DEVELOPER

Responsibilities

The role of this position is to develop on Substrate framework using Rust programming language. To define and implement runtime, pallet and API based on product requirements. In addition, to keep substrate version up-to-date and monitor the running state of the nodes.

Preferred Qualifications

1. Excellent writing and speaking skills in English;
2. Knowledge in cryptography, networking or distributed systems;
3. Pay attention to new technologies, be passionate about new technologies, and be willing to share;
4. Follow the open source community, provide GitHub account or other technical forum account and personal technical blog.

Skills & Qualifications

1. Bachelor’s degree in computer or related major;

2. At least two years of programming experience;

3. Familiar with Rust, Golang or C ++, so that you can quickly get started with Rust;

4. Familiar with one of the open-source blockchain systems, understand its architecture and core data structure;

5. Have a strong interest in blockchain-related mechanisms and principles, and have good learning and communication skills.

THANKS