Stephen Wu

Blockchain Engineer

Enthusiastic, spirited blockchain developer with 3+ years of experience in building decentralized applications and ecosystems. Implemented a number of applications and solutions using various technologies and programming languages. Delving into EVM and Rust related Blockchain fields to master them. Eager and willing to acquire any other latest technologies.

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WORK EXPERIENCE

Blockchain Developer
Individual Programmer

07/2021 - Present

Achievements/Tasks

- Smart contract creation with Solidity and Rust with ERC20/ERC721 and metaplex platform
- Blockchain API integration(Ethereum, BSC, Tron, Fantom, Polygon, ... etc)
- ICO site development with analyzing Dashboard
- Developing and forking DEX applications like uniswap and pancakeswap

Blockchain | Backend Engineer
Slime Finance

11/2020 - 10/2021   *San Francisco*

Achievements/Tasks

- Building and deploying NFT staking contracts on BSC Network for $SLIM rewards because of ensuring faster and cheaper transactions for users
- Developing its multidex contracts and a lottery contract for their holders while ensuring smart contract security by implementing best practices such as access control and input validation to prevent potential attacks such as reentrancy and overflow.
- Conducting smart contract audits to identify and address potential security vulnerabilities.
- Validating the lottery backend for security and fairness of the game

Full-stack & Blockchain Developer
Enjin (Internship)

05/2020 - 10/2020   *Singapore, Singapore*

Achievements/Tasks

- Collaborating with the development team to design and implement various features for Enjin's platform.
- Developing smart contracts using Solidity and integrating them into the Enjin ecosystem.
- Building RESTful APIs to connect the frontend and backend of Enjin's applications.
- Writing clean, maintainable code that adhered to industry best practices.
- Conducting unit tests and debugging to ensure the quality and functionality of the codebase.
- Participating in code reviews and providing feedback to my colleagues.

EDUCATION

Bachelor's degree of Computer Science
Singapore Institute of Technology

2016 - 2020

SKILLS

Rust · Solidity · C/C++ · Javascript · Express · Git/Nginx/Docker · Golang · Laravel · NodeJS · PHP · React/Angular/Vue · Python · SQL/MongoDB · Agile Methodology & SCRUM

PERSONAL PROJECTS

FTSO Provider
- Participate in a FTSO system as one of active providers for one community on Flare/Songbird Network
- Develop a price submission platform with web3.js in Typescript
- Developing a price forecast algorithm for FTSO in C++, Python and node.js

LANGUAGES

English
Professional Working Proficiency

Chinese
Native or Bilingual Proficiency

INTERESTS

Music · Running · Video Games · Mindfulness · Boardgames