Elwin **Chua**

Smart Contract Developer

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Reliable employee seeking smart contract (EVM) developer position. As a 8+ years experienced programmer strongly persuaded by the transparent, immutable & permissionless blockchain tech. True believer for blockchain will change the world wildly.

Fields and Stacks

- Smart Contract Developer, DeFi, GameFi (Solidity, Hardhat, geth, Slither)
- Quants Trading Platform (C#, Python, MSSql, MongoDB)
- Back-end Developer (C#, Oracle, Redis, git, CICD)
- Academic Researcher (Matlab)

Github

- https://github.com/jingkang0822

Work History

2023-03 - 2023-08 **Blockchain Department**

LeapFi, Taipei

- Co-founder and CTO of LeapFi, a blockchain startup that pioneers cutting-edge DeFi solutions.
- Deep expertise in Smart Contracts, DeFi, AMM, Derivatives ecosystems, with experience in Solidity, Geth, Hardhat, Foundry, Subgraph, and Slither.
- Strong understanding of DeFi and AMM, and well-versed in integrating industry-leading protocols like Uniswap v3 and GMX.
- Mentored and trained junior engineers on DeFi development.

2022-07 - 2022-12 **Smart Contract Developer**

GameFi (HappyTomato)

- Experienced in building private Ethereum blockchain using the geth client in a development environment.
- Skilled in conducting smart contract audits using tools such as Slither, hardhat gas-reporter, and the Openzeppelin Ethernaut index, as well as the Consensys security index.

- Disccussing and addressing potential loopholes in the business layer.
- Experienced in designing unit-test scenarios using hardhat.
- Skilled in implementing various smart contracts, including ERC20, ERC721A, token sales, NFT sales, staking rewards and a vesting contract.

2021-12 - 2022-06 ### Smart Contract Developer

Defi Protocol (Teahouse)

- Experienced in crafting and testing smart contracts on local nodes and testnets for security
- Proficient in optimizing smart contract functions and state for lower gas consumption
- Developing staking, token, and NFT smart contracts
- Collaborated with team members to implement a strategy simulation platform for Uniswap v3

2019-10 - 2021-12 ### Backend Engineer

Xuenn

- Communicate with the user and developer, fulfillment the user's change request.
- Monitor and analysis the risk of the code, review & refactoring the architecture of original code.
- Tools: C# / Agile development / scrum / git flow / CICD

2017-09 - 2019-09 ### Quant Developer

APEX International Financial Engineering Co

- Research & developing derivatives market trading models.
- Designing and developing strategy's parameter optimization algorithm routinely generate robust back-test result.
- Research on risk depends open interest and risk parity portfolio.
- Tools: c#, git, sql-server

2016-09 - 2017-05 ### Quant Researcher

VICI Holdings

- Researching various market data, clustering analysis, features analysis, statistical correlation, data mining alphas inside data.
- Maintaining database, design data table, keep updated data in real-time, create primary key to proficiency select data from database (sql and No-sql).
- Implementing machine learning algorithm, trimming data insufficiency and improve proficiency in algorithm.
- Tools: c#, python, mongoDB, sklearn, keras etc.

Education

2014-09 - 2016-03 ### PhD: Institute of Oceanography

National Taiwan University - (noncompletion)

2012-09 - 2014-06 **Master of Science: Geoscience**

National Taiwan University

2008-09 - 2012-06 **Bachelor of Science: Geoscience**

National Taiwan University

Languages

Mandarin (native), English (conversational)

Nationality

Malaysian, Permanent Resident of Taiwan