CHI-HAO (ALFRED, ERIC) LU

Taipei City, Taiwan

📱 (886+) 989289102 📦 chihaolu.me ✉ qazwsxeric@gmail.com 💼 linkedin.com/in/chihaolu 🐙 github.com/chihaolu

Education

National Taiwan University **Sep. 2019 – June 2023**

Bachelor of Science in Economics *Taipei City, Taiwan*

- CSIE - Data Structures and Algorithms, Decentralized Applications Design, Introduction to Decentralized Finance
- EE - Machine Learning
- IM - Operating System, Manufacturing Data Science, Programming Design
- ECON - Micro / Macro-economics, Statistics & Probability, Econometrics.

Experience

QF Taiwan **June 2022 – August 2022**

SMARTCONTRACT & DAPP DEVELOPER SUMMER INTERN. *Taipei City, Taiwan*

- Developing & Researching the Quadratic Funding Platform System.
- Microeconomics & Quadratic Funding / MACI, zk-Snarks
- Dev. Tools: Solidity, Foundry / Hardhat, Ganache, ethers.js / Vue, Javascript, Typescript / Graph-Node, Docker

KRYPTOCAMP **January 2022 – April 2022**

SOLIDITY & DAPP TEACHING ASSISTANT (TA) *Taipei City, Taiwan*

- Teaching Blockchain Tech, Solidity(Smart Contract), DAPP(DeFi, GameFi), Ethereum API and All about NFTs.
- Preparing the context for the TA Office-Hour, including Courses quick review, experience sharing, assignment consult and coding implement.
- Provide consulting for the Blockchain Project, Construction of the Web3 Dapp and Smart Contracts Development.

Information Management, National Taiwan University (NTUIM) **September 2021 – January 2022**

Programming Teaching Assistant (TA) *Taipei City, Taiwan*

- "Programming Design" in C++ (Introduction of Computer Science, Software Development, Basic Data Structures and Algorithms)
- "Programming for Business Computing" in Python (Business Statistics and Analysis)
- Planned, trained and evaluated students through a range of different methods including assignments, presentations, group projects, exams. Teaching in the TA class and design the testing data.

Publication / Projects

ALL IN ONE SOLIDITY | *Solidity, Truffle / Hardhat / Ganache, Geth* **June 2022**

- Published by Kryptocamp & DrMaster Press in Eslite, Kingstone Book & others Book Stores.
- Teaching how to construct a Smart Contract and Dapp with whole Solidity Basic Syntax.
- Mention basic blockchain(ethereum) knowledge and dev. tools.

The Dinomention | *Solidity, Javascript / React, Python* **September 2021**

- Connect the MetaMask with the Website and verify the ownership of the tokens' owner. With Ethereum API.
- Deploy ERC-721 Token(NFT) Smart Contract on Ethereum Blockchain.
- Honorable Mention in iThome 2021 Ironman Modern Web Group.

Leadership / Extracurricular

Swf Lab **May 2022 – Present**

Founder, Smart Contract & Dapp Developer *National Taiwan Unive*

- We research everything about Blockchain. Including Underlying Architecture, Smart Contract, Dapp, DeFi, NFTs and Marketing, Data Science, Data Analysis.
- Doing side projects and publishing the columns on medium for showing our research achievement.
- Quick Look DeFi Contract Testing With Foundry, published on "Taipei Ethereum Meetup, 2022-6"
- Transaction, ContractMethods & Provider In Dapp, published on "Taipei Ethereum Meetup, 2022-4"