Chong, Yong Kin

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Professional Summary

- Familiar with C++ and React.js, avid learner of various tech stacks in web 2 and 3 development.

Education

BACHELOR | 2017-2021 | TSINGHUA UNIVERSITY

- Major: Electrical Engineering
- Exchange: The Chinese University of Hong Kong (2020)
- Awards: 2017 EE Award for Overall Performances, THU（2017 年度電子系綜合獎學金）
  THU Outstanding Malaysian Scholarship recipient for 4 years (2017-2021)
  Tsinghua-Inditex Belt & Road Scholarship (2019) recipient

Experience

SOFTWARE ENGINEER | LP-RESEARCH INC. | 2021 JULY - CURRENT

- Development and maintenance of a C++ sensor communication library OpenZen and its ROS driver.
- Developed a performant multithreaded data logging websocket backend for customer project.

TEAM LEAD & FULL STACK DEV | ACY FINANCE | 2021 SEP - CURRENT

- Supervise the development of the DeFi project, coordinate dev of frontend, smart contract and subgraph.
- Improved frontend React code and logics for better user experience. Coding in Web3.js and Solidity.
- Kicked start an Express.js backend project for providing transaction statistics to the frontend.

FULL STACK DEV | YZEL COMMERCE | 2021 SEP - CURRENT

- Developed a server-side rendered responsive site for an e-commerce startup.
- Worked with Shopee and Stripe's API and handle requests via AWS Lambda Functions.

Projects

CAPITAL-EFFICIENT LENDING PROTOCOL (ETHNYC 2022) 🖇

- This is an innovative idea that utilizes the ill-liquid fund in lending pool for leveraged trading, which would generate extra yields without introducing greater risk. We won Optimism and Covalent prizes.

STARK STREAM (STARKNET HOUSE HACKATHON 2022) 🖇

- Our team developed a fund streaming service to the StarkNet. I worked on the frontend and integrated with Cairo smart contracts.

HOUSEHOLD ELECTRICITY LOAD FORECASTING (2021)

- Clustering and forecasting electricity load of a single household in a short time resolution for better photovoltaic system scheduling. By integrating DTW feature, the forecast accuracy is further improved.