

# LIONG YI CHEN, IRWYN

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## EXPERIENCE

### WSPN, Product Manager Intern

Jun 2024 - Aug 2024

- Conducted extensive research on **stablecoin** market and crypto **growth products**.
- Developed Stablecoin on **TRON** and **TON** network.
- Conducted product planning for a **CeDeFi** application to increase coin userbase.
- Created a **Dashboard** for stablecoin to track and analyze userbase and user activities.

### Cylynx, Software Engineer Intern

May 2023 - Aug 2023

- Enhanced database performance through **multithreading techniques**, optimizing workflow in the database.
- Leveraged API keys to ingest data for data analysis.
- Calculated **metrics** using data to devise an NFT scoring system.
- Utilized **AWS functions and cloud servers** to acquire and store data.
- Used **ethers.js** package to retrieve unique contract address on the blockchain for data analysis.

### NCS Pte Ltd, Intern

Mar 2022 - Jul 2022

- Utilized **TensorFlow** and **PyTorch** for data analysis and visualization to enhance model performance and accuracy.
- Completion of multiple **computer vision** projects with clients.
- Conducted research on machine learning models to improve efficiency and accuracy.
- Performed data engineering and data cleansing tasks to optimize the **F1 score** and accuracy of the predictive models.

## EDUCATION

### National University of Singapore

Aug 2022 - Present

#### Bachelor of Computing in Computer Science

- GPA: 3.76/5.00

### Catholic Junior College

Feb 2018 - Dec 2019

#### GCE 'A' levels

- Rank points: 82.5/90    Grade profile: AAA/A

## PROJECTS

### NUS Fintech Month Hackathon 2023

Jan 2023

- Emerged as **finalist** in the hackathon.
- Created Smart Contracts using Solidity to tokenize payment.
- Assisted in the development of web applications using React and backend using Node.
- Developed an MVP that automates the payment of consignment goods via smart contracts on Ethereum Blockchain in real time.

### Orbital Project 23

May 2023 - Aug 2023

- Created a website application to tokenize real estate properties.
- Achieved Apollo 11 level (2<sup>nd</sup> highest achievement)

### Hack&Roll 2024

Jan 2024

- Created a few Google Chrome extension to improve productivity.

## CERTIFICATIONS

### Certificates:

- Data Science and Machine Learning with Python - Udemy
- Complete Tensorflow 2 and keras deep learning - Udemy
- Python for Computer Vision with OpenCV and Deep Learning – Udemy
- The Complete SQL bootcamp – udemy

## LANGUAGES & SKILLS

Proficient in English and Chinese.

### Programming Languages:

Python | Java | JavaScript | HTML | CSS | Solidity | SQL

### Developer tools:

Git | Docker | AWS Cloud Services | VS code | IntelliJ | Jupyter notebook | Vim