Low Jian Cheng

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EDUCATION

Aug 2024 — May 2027

Bachelor of Computing in Computer Science, National University of Singapore

- Cumulative Grade Point Average: **4.93 / 5.00**
- **Relevant Modules and Grades**: Programming Methodology (A+), Programming Methodology II (A+), Data Structures and Algorithms (A), Discrete Structures (A), Introduction to Business Analytics (A)
- NUS Merit Scholar

Aug 2023 — Aug 2024

Bachelor of Computing in Information Systems, National University of Singapore

- Placed on **NUS Dean's List** in AY2023/2024 Semester 2
- Changed course to NUS Computer Science from Year 2 onward

Jan 2019 — Dec 2020

GCE 'A' Levels, Hwa Chong Institution

- Rank Point: **90 / 90**
- Subjects Taken: Physics, Chemistry, Mathematics, Economics, General Paper

TECHNICAL SKILLS

- **Languages:** Solidity, Java, JavaScript, HTML/CSS, R
- **Frameworks:** Foundry, Remix, Hardhat, React, Next
- **Developer Tools**: Git, GitHub
- **Libraries:** Ethers.js, Web3.js, Chainlink Keepers, Chainlink VRF, Chainlink Price Feeds

PROFESSIONAL EXPERIENCE

Jun 2021 — Apr 2023

Special Operations Command, Singapore Police Force

Staff Assistant for Communications and Computers Department

- Worked together with Home Team Science and Technology (HTX) Senior Engineers to ensure computer security in a police base
- Learned and applied troubleshooting techniques on Windows PowerShell to assist police officers with their computer issues

Dec 2020 — Dec 2022

Private Tutor

H2 Mathematics Tutor

- Created personalised notes, sourced and compiled questions for students to practise
- Provided explanation and clarity to streamline their understanding of difficult topics
- Successfully improved the grades of all 7 students

PROJECTS

prophetbyjc.com

Solidity, Foundry, Ethers.js,,React, Next, CSS, Material UI, Chainlink Keepers

- Developed a decentralized Web3 platform for cryptocurrency price predictions using **Solidity** and **Foundry**, automated using **Chainlink Keepers**
- Interactive features powered by **Ethers.js**, and a responsive user interface designed with **Next.js** and **Material UI,** hosted on **Vercel**

COURSES

Smart Contract Development with Solidity   Cyfrin Updraft

Relevant skills: Blockchain fundamentals | Smart contract development | Solidity gas optimisation techniques

Foundry Fundamentals   Cyfrin Updraft

Relevant skills: Creating local blockchain testnets | Writing and running smart contract tests | Verifying smart contracts