



LEE WEI JUIN 李伟偕 < Thinker // Hacker // Programmer >

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EDUCATION

The University of Edinburgh

Bachelor of Engineering, Electronics, and Computer Science

2021 - 2025

Singapore Polytechnic

Diploma in Electronics (Aerospace)

Awarded ExxonMobil Prize and Director's Honour Roll

2018 - 2021

Cumulative GPA: 3.9/4.0

UNIVERSITY EXPERIENCE

President of CloudSIG - AWS Cloud Club at The University of Edinburgh

SEPT 2023 -

- Founded a student-led, student-driven user group focused on learning about the cloud
- Teaching students about the AWS Cloud and its various use cases

HYPED - Edinburgh Hyperloop, Quality Assurance, and Telemetry Software Engineer

SEPT 2021 - Mar 2022

- Leveraged CTest, a testing framework for C++ projects, to automate and manage test execution
- Developed and maintained test scripts, ensuring proper coverage of software functionality

WORK EXPERIENCE

Barclays, Technology Analyst Intern

JUN - AUG 2023

- Developed RESTful APIs using Python Flask, facilitating data communication between front-end and back-end while integrating third-party APIs and libraries to enhance application functionality

Kuhaku LLP, Co-Founder

DEC 2020 - MAR 2023

- Founding member and lead in application development and platform integration
- Developed technology for corporations including Meta and Air Group

Maritime and Port Authority of Singapore, Cross Platform Mobile Engineer Intern

JUN - JUL 2022

- Developed cross-platform mobile applications for iOS and Android using React Native
- Created intuitive user interfaces, ensuring optimal user experiences and responsiveness

Maritime and Port Authority of Singapore, Data Engineer Intern

JUN - AUG 2021

- Designed and developed custom web scraping scripts using Selenium to extract maritime data and conducted exploratory data analysis to identify patterns, trends, and outliers

Housing & Development Board, Software Engineer Intern

MAR - JUN 2021

- Translated UI/UX designs into functional, pixel-perfect front-end code, ensuring design consistency across different browsers using React components and state management libraries

NCS Group, Robotics Engineer Intern

SEP 2020 - FEB 2021

- Led the design and development of robotic control systems using Golang, ensuring real-time responsiveness and precision with pathfinding, route scheduling, and de-conflicting

HACKATHON & COMPETITIONS

Humanitarian Assistance & Disaster Relief (HADR) Challenge, 1st Runner up

Hack.Asia (Security Go) by Daimler, 1st Runner up

AWS Build On, Singapore (Institute Category), 1st Runner-up

Engineering Innovation Challenge (EIC), 1st Runner up

SKILLS & KNOWLEDGE AREAS

C++ | Python | Java | Golang | Haskell | Azure AI Engineer Associate | AWS Solution Architect -

Associate | Oracle Cloud Infrastructure Developer - Associate | Alibaba Cloud Computing - Associate