



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

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EDUCATION

The University of Edinburgh

Bachelors of Engineering, Electronics and Computer Science

2021 - 2025

Expected: 1st Class

Singapore Polytechnic

Diploma in Aerospace Electronics

Awarded ExxonMobil Prize and Director's Honour Roll (DHR)

2018 - 2021

Cumulative GPA: 3.9/4.0

UNIVERSITY EXPERIENCE

HYPED - Edinburgh Hyperloop, Quality Assurance and Telemetry Software Engineer

SEPT 2021 - Present

- Identified software problems, analyzed bugs and errors for efficiency and performance
- Worked together with the software team to enhance and improve programs through code reviews

WORK EXPERIENCE

Maritime and Port Authority of Singapore, Data Engineer Intern

JUN - AUG 2021

- Transformed raw data into usable curated data lakes to analyze large and complex datasets
- Defined and developed metrics, built and prototyped the automation pipeline for data wrangling
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Housing & Development Board, Software Engineer Intern

MAR - JUN 2021

- Designed cloud architecture and implemented a scalable and cost-effective serverless application on government commercial cloud
- Revamped frontend of e-service finder and perform application testing and deployment

Kuhaku LLP, Co-Founder

DEC 2020 - Present

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

Singtel, Robotics Engineer Intern

SEP 2020 - FEB 2021

- Developed back-end and algorithm for fleet management and task handling
- Migration and optimization for pathfinding, route scheduling, and de-conflicting

Hackathons and 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

Google Computer Science Summer Institute (CSSI), Top 5

Samsung Solve For Tomorrow, Top 10

COGITO Ideation Competition by SP group, 2nd runner up

Other technical skills

C++ (1yr) | Python (1yr) | Java | Golang | Haskell | Azure AI Engineer Associate | AWS Solution

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

Associate