



LEE WEI JUIN

<https://github.com/weijuinlee> • <https://x.com/weijuinlee>

hey@leeweijuin.com • <https://www.linkedin.com/in/leeweijuin>

EDUCATION

The University of Edinburgh

Bachelor of Engineering, Electronics, and Computer Science - Awarded the Edinburgh Award

2021 -

Singapore Polytechnic

Diploma in Electronics (Aerospace) - Awarded the 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

Morgan Stanley, Technology Analyst Intern

JUN - AUG 2024

- Developed data loss prevention strategies by automating assessments and data flow analysis to identify vulnerabilities

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, 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, Mobile App Engineer and Data Engineer Intern

JUN - JUL 2022,
JUN - AUG 2021

- Developed cross-platform mobile applications for iOS and Android using React Native
- 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

Python | JavaScript | C++ | Java | Haskell | Azure AI Engineer Associate | AWS Solution Architect - Associate | Oracle Cloud Infrastructure Developer - Associate | Alibaba Cloud Computing - Associate