

Rohan Maloney

Software Engineer

+61 429 490 415 | ✉ maloneyrohan@gmail.com | 🌐 <https://www.linkedin.com/in/rohan-maloney/> | 📄 rmaloney1

WORK EXPERIENCE

IMC Financial Markets (upcoming) Nov. 2021 – Feb. 2022
Software Engineering Intern Sydney, Aus

National Roads and Motorists' Association May. 2021 – Present
Cloud Engineering Intern Sydney, Aus

- Lead DevOps engineer for new login system project - **full user migration, CI/CD pipelines, AWS infrastructure**
- Implemented centralised **SIEM** logging on all NRMA's **AWS EC2 instances**
- Presented **GitHub actions** to my team and the General Manager (Security) as an alternative to Jenkins
- Wrote **selenium integration testing suite** for NRMA holiday parks website

WiseTech Global Sep. 2020 – May. 2021
Software Engineer Sydney, Aus

- Worked in a **customer facing team**, product engineering a new HRM Portal with **Behaviour Driven Development**
- Completed **major schema, and code refactoring** to allow multimodal transport consignments in business logic
- Was a **full-stack (VueJS, .NET)** Developer on an internal **low-code** platform development tool

University of New South Wales Jun. 2019 – Present
Student Ambassador Sydney, Aus

- **Presenting** to prospective students and parents of diverse backgrounds
- **Leading teams** and **directing public** during events such as UNSW Open Day and Info Day
- **Effectively communicating** complex details of UNSW processes including admissions, scholarships and more

PROJECT EXPERIENCE

UNSW Solar Racing Team Sunswift Jan. 2020 – Present

- Developed **consumer-facing, responsive, react and react-native** applications to monitor our solar electric vehicle
- Ideated and designed product from scratch with tools such as **Figma** and developed with **agile practices**
- Utilised **test driven development** and **CI/CD (GitHub actions)** to deploy to **IBM Cloud** and **GCP**

AWS Cloud Security Project Feb. 2021 – May. 2021

- Prototyped a **cloud native** application with a **React GUI** for managing **automated security remediations** on **AWS**
- Assumed an unofficial **leadership** position, guiding our team through **agile development** and **delegating** tasks and responsibilities

Personal projects and competitions

- **Facebook messenger bot** deployed on **heroku** to respond to questions about dinner and the social calendar
- Preferential room allocation system and web app - officially allocated **200+** residents in 2020 calendar year
- (Aug. 2020) UNSW CSE Society Hackathon (3rd Place) - **Jira API** based application to assign desks for hybrid WFH
- (May. 2020) Atlassian / UNSW Security Society CTF competition (5th place)
- (Sep. 2019) UNSW Inter-Residential Community Hackathon (2nd Place) - keeping residents safe after a night out

EDUCATION

University of New South Wales Feb. 2019 – Apr. 2022 (anticipated)
Bachelor of Science (Computer Science) Sydney, Aus

- UNSW Engineering Dean's Award (2019, 2020)

SKILLS

Soft skills Product Engineering, Project Management, Agile Development, Communication, Design, Problem Solving

Languages Python, JavaScript, TypeScript, C#, Java, C, C++, SQL (PostgreSQL, MSSQL), GraphQL, shell, German

Disciplines Cloud engineering, web application security, artificial intelligence (neural networks, computer vision)

Libraries/Frameworks ReactJS, Redux, Jest, Enzyme, PyTorch, OpenCV, .NET, Entity Framework, SignalR, NUnit, JUnit

Tools Docker, Kubernetes, Jenkins, GitHub, Terraform, git, Jira, Excel