






# RACHEL LEUNG

## CONTACT

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## EDUCATION

**Bachelor of Computer Science/Commerce**

**UNSW**

Feb 2021 - May 2025

## TECHNICAL SKILLS

### Languages

Python, C, Java, JavaScript, SQL,  
HTML/CSS, Typescript

### Frameworks

React, NodeJS, Flask

### Tools & Technologies

Docker, MongoDB, RESTful APIs, CI/CD  
Pipelines

## EXTRACURRICULAR ACTIVITIES

### Information Technology

#### Subcommittee

##### UNSW Digital Society

Designed and led hands on frontend workshops, teaching participants to create portfolio websites and enhance UX/UI skills.

### Human Resources Subcommittee

#### UNSW Management Society

Facilitated team bonding and organised large scale events for over 50 people.

### Sponsorships Subcommittee

#### UNSW Car Society

Liaised with sponsors to secure student discounts, organised charity events, and promoted sponsor products as prizes.

## TECHNICAL EXPERIENCE

### Hackathon Project: Smell the Roses

UNIHack

March 2025

- Led the development of a trip planner app that generates personalised scenic routes by fetching and real-time POI data.
- Incorporated MapBox and OpenAPI for interactive map rendering, data filtering, and creating dynamic itineraries exportable to Google Maps.
- Delivered MVP in 48 hours using React, Node.js/Express and Firebase, highlighting speed, precision, and end-to-end development skills.

### Computer Science Capstone Project: Projectathon

UNSW

Sept. 2024 - Nov. 2024

- Scrum Master and Full-Stack Developer for a project-hosting web app with user roles and project management features.
- Led Agile ceremonies, sprint planning, and retrospectives to ensure timely and organised project delivery.
- Built responsive front-end features in React, including login/register, contest browsing, project submission and discussion pages.
- Contributed to Flask backend, designing RESTful APIs for user roles (organisers, participants, judges, admin), project filtering and scoring with marking guidelines.
- Improved scalability and deployment with Docker and CI/CD integration; used MongoDB for data persistence.

### Object Oriented Design and Programming

UNSW

May 2024 - Aug. 2024

- Refactored Java code to eliminate design smells and implement best practices in object-oriented design, improving code quality and maintainability.
- Utilised design patterns and principles such as design by contract to model and solve complex problems, leading to more robust and scalable solutions.
- Worked in a team to develop and enhance object-oriented applications, reinforcing skills in collaborative problem-solving and software design.

### Web Front-End Design

UNSW

Sept. 2023 - Dec. 2023

- Developed a responsive front-end web application from scratch using HTML, CSS, JavaScript and React, focusing on user experience and interface design.
- Implemented modern web development techniques and frameworks, including various JavaScript frameworks to create dynamic and interactive web pages.

## WORK EXPERIENCE

### Sales Assistant

Bunnings

Sept. 2022 - Present

- Fulfilling Customer Needs: Serve as a cashier, front greeter, and customer assistant, answering questions and providing tailored solutions to customers' needs.
- Team Collaboration: Act as a key team player, consistently offering support to colleagues, training new staff members, and adapting to various departmental needs to ensure smooth operations.
- Problem-Solving and Adaptability: Demonstrate adaptability by efficiently working across multiple departments and addressing a wide range of customer inquiries and operational challenges.