






RACHEL LEUNG

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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 based on trip data.
- Integrated MapBox and OpenAPI for interactive maps, data filtering, and generating dynamic itineraries exportable to Google Maps.
- Delivered an MVP in 48 hours using React, Node.js/Express and Firebase.

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.