Hanyuan Li

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Education

University of New South Wales, WAM 92   **2021 – current**
Bachelor of Science (Advanced Computer Science) (Honours), Co-op Scholar

- 90+ in **Algorithms & Programming Techniques** (COMP3121), **Software System Design & Implementation** (COMP3141), **Concepts of Programming Languages** (COMP3161), **Extended Security Engineering** (COMP6841), **Solving Modern Programming Problems with Rust** (COMP6991)

ETH Zurich   **Sep 2024 – Feb 2025**
Bachelor of Science (Computer Science), Exchange

Professional Experience

UNSW, Casual Academic   **Jan 2024 – current**

- Tutored Python/Shell course (**COMP2041**; 25T1) and Rust course (**COMP6991**; 24T1, 25T1)
- Received **100% student satisfaction** in all myExperience responses in 24T1

Planoverse, Junior Developer   **Jul – Sep 2024**

- Worked in startup software team to develop **retail modelling** & simulation application
- Learned **Unity**, **C#**, **graphics** over the course of 10-week casual employment

ResMed, Software Engineering Intern (Co-op)   **May – Nov 2023**

- Worked in software team for sleep apnea devices, programming **new features for a variety of machines**
- Learned **embedded C++ programming** in the 24-week placement

Atlassian, Data Platform Intern (Co-op)   **Sep 2022 – Jan 2023**

- Migrated internal TypeScript code for feature-flagging service to Spring Boot endpoint, **reducing tech debt** and allowing architecture to be more flexible and extensible
- Learned **Java**, **Spring Boot**, Mockito, **TypeScript**, **GraphQL**, Jest in the 20-week Co-op placement
- Planned project from start to finish, including creating **milestones**, **time estimations**, Kanban tickets
- Presented **knowledge sessions** and project overviews to both my team and sister team

Volunteering Experience

CSESoc UNSW, Vice-President (Development)   **Oct 2022 – Oct 2023**

- Oversaw the development of **9 software projects** that benefit UNSW students' lives (timetable planning, degree planning, data structure visualisation), totalling **~100 members**
- Established **content team** to market projects to UNSW students at large, **culture team** to ensure development culture is inclusive, **UI/UX team** to unify design across all projects
- Co-founded new student society (**UNSW Software Development Society**) to foster student developer community

CSESoc UNSW, Competitions Director   **Dec 2021 – Dec 2022**

- Hosted CS competitions with **$10,000+ cumulative prize pool**, **100s of participants** and **industry sponsors**
- Helped develop website for Advent of Code-style competition in **Flask**, **Typescript** and **PostgresQL**
- **Upskilled 8 subcommittee members** in communication, competitive question-writing and organisation

Awards

- 2025: **Murray Allan Award** in Computer Science and Engineering
- 2021, 2022, 2023: **UNSW Dean's Award**, School of Computer Science and Engineering