

Hanyuan Li

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Personal Profile

I am a quick learner, able to rapidly pick up new technologies and apply my knowledge in whatever project I am assigned to. I excel in team environments and enjoy working collaboratively to come up with unique ideas.

Skills

- 9+ years of programming experience (Python, JS, TypeScript, Java)
- Native speaker of Mandarin and English, working knowledge of French

Education

University of New South Wales, WAM 93 2021 - present
Bachelor of Science (Computer Science), Co-op Scholar

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

Professional Experience

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, MVC architecture, Mockito, TypeScript, GraphQL, Jest over the course of 20-week Co-op placement
- Planned project from start to finish, including creating milestones, time estimations, Kanban tickets, Gantt charts
- 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 development community

CSESoc UNSW, Competitions Director Nov 2021 - Dec 2022

- Co-led 8 subcommittee members in organising large-scale CSE competitions with over 100 participants
- Handled prize money totalling >\$10,000 across all competitions
- Worked with sponsors including IMC, Jane Street, Atlassian, Bukalapak

Awards

- 2021, 2022, 2023: UNSW Dean's Award, School of Computer Science and Engineering
- 2019: AMT Inspiring Student Award
- 2019: Silver Medal, Australian Mathematics Olympiad