

EDUCATION

University of New South Wales (UNSW)

Jun 2021 - Expected May 2023

Final Year Student - Bachelor of Computer Science

- Weighted Average Mark: 76.789 (Distinction)
- Awarded the UNSW Global Diploma Scholarship in 2020 and 2021 and the Diploma of Computer Science in 2021.

WORK EXPERIENCE

Academic Tutor | University of New South Wales (UNSW)

Sep 2022 - Present

- Tutored a total of ~70 students about web frontend programming, unit/usability testing and UI/UX design while encouraging communication and student participation.
- Created an end-to-end testing lecture for ~600 students which aims to cement their understanding about Cypress testing.
- Achieved a student satisfaction rating of 5.58 out of 6.

VOLUNTEERING EXPERIENCE

UI/UX Director | UNSW Computer Science and Engineering Society (CSESoc)

Dec 2022 - Present

- Led a team of 7 developers to redesign the society's flagship projects.
- Created a unified design system in Figma and a UI component library using React, TypeScript and Storybook.

Project Lead | UNSW Computer Science and Engineering Society (CSESoc)

Dec 2021 - Dec 2022

jobsboard.csesoc.unsw.edu.au

- Managed the society's Jobs and Opportunities Board which facilitated companies to post and promote available job opportunities which attracted over ~1700 unique users and 37 registered companies.
- Corresponded with companies to improve their experience with the platform which increased the number of users by 70% and the number of registered companies by 15%.

IT Associate | UNSW ASEAN Society (ASEANSoc)

Jun 2021 - Dec 2022

unswaseanconference.com

- Redesigned and implemented the frontend for the "Partners" and "Our Team" page in the society's 2021 flagship event's platform for which I was awarded the President's Choice Award in September 2021.
- Collaborated virtually with a team of 50 members to organise the UNSW ASEAN Conference, a large scale 2-day online conference which attracted over 2000 participants from multiple countries.

PROJECTS

CSESoc Jobs and Opportunities Board

jobsboard.csesoc.unsw.edu.au

Led a team of 6 to spearhead the development of a centralised platform for finding computer science and engineering jobs.

- Developed the frontend using VueJS, TypeScript and TailwindCSS and the backend using TypeScript and PostgreSQL.

Portfolio Website

darianlmj.dev

A personal portfolio website with a focus on speed, achieving 100% on the Lighthouse performance score.

- Built the frontend using ReactJS, TypeScript and Astro and deployed using Cloudflare.

Cookies

cookies.sh

A web application which aims to teach beginners about basic security engineering concept written in ReactJS and TypeScript.

CSESoc Circles

circles.csesoc.app

An interactive degree planner and progression checker for UNSW degrees.

- Open-sourced contributor updating the website's manifest.

Calloc

calloc.app

A centralised event management system targeted towards university societies and is focused on improving user experience.

- Built using SolidJS, TypeScript and Rust and deployed using Cloudflare.

SKILLS

Programming Languages - C, C++, Python, Java, Javascript, TypeScript, Rust, PostgreSQL, HTML, CSS

Libraries and Frameworks - ReactJS, VueJS, Astro, TailwindCSS, SCSS, Stitches, MaterialUI, React Native, Swagger, Express

Tools and Platform - Figma, Jira, Git, GitHub, Confluence, Docker, Firebase, ESLint