

# Gabriel Ting

## Junior Software Engineer

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## WORK EXPERIENCES

### Junior Software Engineer @ SportLogic

May 2021 - Present

- Collaborated with a small team to prioritise developing features for a booking system to transition our userbase from the desktop version to a web application.
- Effective communication with stakeholders (engineers, customers, and support team) to define user requirements on a regular basis.

### Mathematics Tutor @ Cluey Learning

Jan 2021 - Apr 2021

- Conducted one to one private tutoring specialising in areas of secondary level Mathematics for Year 7 to Year 12 high school students.
- Delivered personalised tutoring sessions through an online platform and ensured students built up their confidence to work independently.

### Software Developer - Stem Leaders Program @ Real Skills Education

Oct 2020 - Jul 2020

- Collaborated with Accenture to develop a chrome extension that aims to improve the productivity of employees by tracking time spent on certain tasks in a browser.
- Co-led a team of five to conducting market research to define requirements whilst building a minimal viable product that ensures client specifications were achieved.

## VOLUNTEERING EXPERIENCES

### Projects Director @ UNSW Security Society

Dec 2020 - Present

- Maintained the platform infrastructure for capture the flag competitions using Docker containers and Google Cloud Platform that hosted, on average, 150 users per CTF event.
- Lead a team of five developers to spearhead the development of a new website with a focus on modern UI/UX design principles, operating in an agile development workflow (incl. standups, Scrum, Jira).

### Socials Subcommittee Member @ UNSW Data Science Society

Mar 2021 - Present

- Assisted in planning and organising social events for students with ~130 attendees.
- Attended weekly meetings to plan and strategies activities that maximise engagement with participants in events.

### IT Subcommittee Member @ Enactus UNSW Society

Oct 2020 - Aug 2021

- Worked closely with different project teams and internal portfolios to determine how to best reflect the society's brand image and vision through the society's website.
- Gauge target audience through conducting surveys, user stories, and design thinking.
- Develop and maintained code for the society's website using ReactJS and Typescript.

### Peer Mentor @ UNSW Computer Science and Engineering Society

Feb 2021 - Apr 2021

- Collaborated with 3 other co-mentors to organise weekly meetings for ~10 mentees, providing them with academic, professional, and personal advice.
- Delivered one to one sessions to mentees, assisting them with any issues that arise in their university studies and providing useful advice.

## SKILLS

### Programming Languages

Python, Java, C, Javascript, Typescript, HTML, CSS, Shell Scripting (incl. Bash), Perl

### Libraries and Frameworks

jQuery, ReactJS, Gatsby, Flask, Java Spring and JSP

### Tools and Platform

Linux, Git, Docker, Google Cloud Platform, Amazon Web Services, Microsoft Azure

## EDUCATION

### University of New South Wales

BS Computer Science

Feb 2020 - Expected Dec 2022

99 | Data Structures and Algorithms

96 | Software Eng Fundamentals

91 | Web Front-End Programming

91 | Computer Systems Fundamentals

## PROJECTS

### Enactus UNSW Society Website

ReactJS, Typescript | [enactusunsw.org](https://enactusunsw.org)

Prioritised developing features by eliciting user feedback from an empathy survey.

### UNSW Security Society Website

ReactJS (Gatsby), Typescript | [unswsecurity.com](https://unswsecurity.com)

Technical lead in rebuilding the society's website with a focus on the UI/UX experience.

### Time Tracking Chrome Extension

ReactJS, Python, AWS | [github.com/gtangelo/traceback](https://github.com/gtangelo/traceback)

Track and analyse hours spent on web browser tasks to improve overall productivity.

### Messaging App RESTful API

Python (Flask) | [github.com/gtangelo/flockr-backend](https://github.com/gtangelo/flockr-backend)

Operated in an agile environment to develop a flask RESTful API backend and an exhaustive test suite for a messaging web application.

### Quiz Application

ReactJS, Material UI

Web-based quiz application similar to Kahoot.