Gabriel Ting

Junior Software Engineer

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WORK EXPERIENCES

Junior Software Engineer (Integrations Team) @ Particular Audience

Aug 2021 - Present

- Operated in a fast-paced start up environment to develop client focused widgets and optimise features for maximum speed and scalability.
- Work closely with various e-commerce clients, sales and business development teams to develop user-facing features that delivers the use of recommendation technologies to consumers.
- Set design requirements based on information from internal teams and user research and identify UI improvements to better satisfy the market needs and consumer preferences.

Software Developer @ SportLogic

May 2021 - Aug 2021

- 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

Jun 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 - Dec 2021

- 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.
- Led 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.

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, SQL, 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 2023

99 | Data Structures and Algorithms
99 | Algorithms and Programming Techniques
96 | Software Eng Fundamentals
91 | Web Front-End Programming
91 | Computer Systems Fundamentals
85 | Object-Oriented Design & Programming

PROJECTS

UNSW Security Society Website

ReactJS (Gatsby), Typescript | unswsecurity.com

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

Enactus UNSW Society Website

ReactJS, Typescript | enactusunsw.org

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

Time Tracking Chrome Extension

ReactJS, Python, AWS | 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

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.