Samantha Tran

CONTACT ME

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EDUCATION

Bachelor of Engineering (Honours)

The University of Queensland

Jan. 2019 - Current

Expected Grad: Summer 2023

TECHNICAL SKILLS

Languages

Python
Java
HTML / CSS / Javascript
Haskell
SQL

Tools

Git
VS Code
Visual Studio
Adobe Illustrator
Docker
Jira
Confluence

Frameworks

React
Vue
Flask
Tailwindcss
CodeIgniter

REFERENCES

Noah Davey

Software Developer, Mend

Phone: on request
Email : on request

WORK EXPERIENCE

Summer Technology Intern
Commonwealth Bank   November 2022 - February 2023

- Developed a proof of concept (POC) for a highly-requested self-service desk to automate a manual process related to Artifactory.
- POC consisted of a python script which used pre-existing scripting tools within commbank, and a Github Actions workflow which used Github secrets for easy maintenance and security.
- Liaised and networked with other teams to increase general business knowledge and understand how my team sits within the company.

Software Engineer Intern
Swyftx   June - July 2022

- Worked in a team to develop an all-in-one events management website using **React.js / Typescript**, **Chakra UI** and **Flask**.
- Performed code reviews and pair programming to share knowledge and enforce good coding practices.
- Liaised with other software teams (security, design, etc) as well as stakeholders to gather requirements and perform user testing.

Software Engineer Intern
Products for Industry (PFI)   November 2021 - August 2022

- Developed in-house applications using VB.Net and C# to automate processes resulting in users saving up to 80% of time.
- Wrote SQL triggers on the database of a highly used application to perform input validation, increasing data integrity and reducing erroneous input.
- Wrote SQL stored procedures to automate importing invoices into company software, reducing chance of human error and doubling number of daily imports.

Casual Academic
University of Queensland   July 2022 - Current

- Tutored introductory relational database course
- Tutored secondary level web development course
- Tutored course on software engineering practices (git, testing, UML diagrams)
- Responsibilities include preparing and running classes, answering student queries and marking assessments.

PROJECTS

Work Roster App   November 2022
github.com/samantha-tran/Work-Roster-App

- Website to facilitate sharing of work, school or availability timetables.
- Utilises three layer architecture to be deployable to the cloud via **Docker** or **Docker Swarm** as well as **JWT** for authorisation
- Front-end technologies include React, Typescript and Tailwindcss.
- Back-end technologies include **MongoDB, Express.js, Node**