

SAMANTHA TRAN

4th Year Software Engineering Student

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Education

The University of Queensland

Bachelor of Engineering (Honours)

Jan. 2019 – Current

Expected Grad: Summer 2023

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, VB.Net, C#

Developer Tools: VS Code, Visual Studio, Git, IntelliJ, Adobe Illustrator

Frameworks: React.js, Tailwindcss, Vue.js

Experience

Products for Industry

Nov 2021 – Feb 2022

Software Engineer Intern

Brisbane, QLD

- Developed a windows application using VB.Net and C# to validate and send data from an excel spreadsheet to the appropriate databases
- Performed data fixes on databases through SQL queries
- Wrote SQL triggers on the database of a highly used application, to restrict users from performing certain tasks and to log activity
- Created an SQL script to parse an excel spreadsheet and automatically update the permissions of employees on a database
- Developed an informative website on Microsoft Sharepoint using HTML, CSS, Javascript
- Created an analytic dashboard on Microsoft Power Bi using data obtained through SQL queries on a database

Coles

Nov 2017 – Current

Deli Clerk

Gold Coast, QLD

- Learnt to work under pressure during times of high customer traffic, all whilst maintaining a clean work space and following food safety standards
- Communicated with team members when problems arose and delegated tasks to ensure work was completed at a high standard

Projects

Pinterest Board Collager 📄 | Python, Selenium, PILLOW

October 2021

- Python program to scrape images from a Pinterest board and output an optimised collage of said images
- Utilised Selenium to automate login and bypass pinterest's lazy loading and restricted viewing for non-signed in users

Group Project: Seedlings.site 📄 | Vue.js, Inertia.js, Laravel, Tailwindcss

November 2021

- Mock website/forum for parents with children experiencing mental health issues to book virtual appointments with specialists, and to seek advice from other parents
- Primarily worked on front-end development as well as graphics
- Interacted with stakeholders throughout development, to identify and iteratively implement features that meet their needs

Relevant Coursework

- Algorithms & Data Structures
- The Software Process
- Relational Database Systems
- Programming in the Large
- Computer System Principles & Programming
- Studio: Proposal & Build
- Human Computer Interaction
- Computer Networks I