

Justin Huang

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SUMMARY

I am currently a final year software engineering student studying at the University of Auckland. I am looking for a role where I am involved in full stack software development, developing technological solutions as a software engineer for the issues in our world today. I want to be working in a role where I know I am going to be challenged and learning every day, allowing for my ambition to drive innovative ideas.

EDUCATION

BE (Honours) Software Engineering at University of Auckland

2021 - Current

- **Relevant Coursework:** Object-Oriented Programming, Data Structures and Algorithms, Software Quality Assurance, Software Architecture, Networks and Security, Databases
- **Awards:** Zuru Technology in Business Case Comp Finalist

Study Abroad Exchange Programme at Yonsei University

2023

- **Relevant Coursework:** Computer Architecture, Computer Vision, Next Generation Networks

PROJECTS

Mobile Online Store App Project

University of Auckland

- Lead **front-end development** in a team of 3, built in **Android Studio** utilising skills in **UI/UX design**.
- Applied software development concepts, including **SOLID principles and design patterns**.
- Conducted thorough **testing** of the application and generated a quality report upon project completion.

Live Chat Application

- Programmed a dynamic live chat application utilising the **MERN stack**.
- Implemented **RESTful APIs** to enable users to register, login, send and receive messages.
- Established **web sockets** to allow real time messaging and used **cookies** for secure **authentication**.

Portfolio Website

justinfyh.github.io

- Independently developed a static website to collate and highlight my projects and information.
- Built using the **Astro framework** and styled efficiently with **tailwindcss**.
- Applied knowledge in **JavaScript** to elevate overall user experience on the website.

Spotify Insights App

- Produced a web application that allows users to **authenticate** with their Spotify accounts and view a number of stats and insights about their music listening habits, including top songs, artists, etc...
- Developed several features including song search, follow functionality and playlist creation tools.

SKILLS

Languages: Java, JavaScript, HTML, Python, SQL, C#/.NET, MATLAB, CSS, C, XML

Technologies: React.js, Git, Android Studio, Astro, Vite, JavaFX, MongoDB, Tailwind, Unity, PyTorch

Concepts: Agile Methodology, SOLID Principles, Testing, Software Metrics, Version Control, Concurrency

EMPLOYMENT

Retail Assistant at Stationary City

January 2024 – Current

- Currently working on migration and revamping the frontend and structure of the existing store website, which is run on WordPress and uses numerous plugins, including WooCommerce.

Front of House (Waiter) at Red Pig

June 2021 - February 2023

Academic Tutor at My Tuition

March 2021 - November 2021