Jason Xavier

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Address: Waitakere City, Auckland

Portfolio:

https://portfolio-jxav22.vercel.app/

GitHub:

https://github.com/jxav22

LinkedIn:

https://www.linkedin.com/in/jason-xavier-36b938218/

Career Objective

I would like to be involved in **full-stack development**, as I love coding and would be eager to develop a wide range of skills.

I am a fan of everything to do with problem-solving and innovation and I strongly appreciate clean, elegant, workable solutions. In line with this, I like working collaboratively and sharing knowledge and skills to explore different ideas.

Skills Summary

Documentation

I have always placed a strong emphasis on writing readable, workable code. My focus on this allowed me to resurrect old projects and upgrade them with the knowledge that I gained from my degree. An example of this is my Snake program. I used my knowledge of **algorithm design**, **OOP,** and **SOLID** principles to evolve it into a modular, reusable, and resource efficient design which I have successfully implemented in both **JavaScript** and **C**.

Team work & Communication

I put extra effort into cultivating my teamwork and interpersonal skills. To this end, I try to get involved in as many growth-inducing activities as I can.

I attend toastmaster sessions to develop my communication skills. I've worked as university tour guide, where I utilized my leaderships skills to independently manage tours involving **60 people.** I've additionally worked as a mentor, both for my University and for the Microsoft Student accelerator programme, where I refined my ability to convey technical knowledge effectively.

Finally, as part of my drive to improve, I am **highly receptive to feedback** and always make sure to meaningfully follow through.

Education

Bachelor of Engineering (Honours) in Software Engineering

University of Auckland   2021 - 2024

- GPA: **8.0 (A average)**
- Dean's Honours List 2022 - **Top 5%** of Engineering Students
- Dean's Honours List 2021 - **Top 5%** of Engineering Students

Experience

Software Engineer Intern – SMX Email Cyber Security Experts
November 2022 – February 2023

- Worked in a cross-functional team, with a data scientist and a computer science graduate, to make a data analytics platform.
- Ran weekly company-wide demos and incorporated key feedback from executives.
- Utilized **React, Typescript and NodeJS** on a production level.

Software Development Team – Microsoft Student Accelerator New Zealand
April 2023 - Current

- Led weekly office hours to aid students in completing a full stack web development project.
- Curated a week-long curriculum, used by **150** students, to learn front-end web development.

ECSE Part II Assistance Centre Mentor – The University of Auckland
Feb 2023 – Current

- Provided tutoring to students entering their second year of Electrical, Computer, and Software Engineering.

Technical Skills

JavaScript

- Gained extensive experience in JavaScript throughout my internship. Implemented production level code using the language, and related frameworks **(Typescript, React, NodeJS)**

Java

- Gained experience in Java through objected orientated design for several university projects.

Other languages I have used: Python, C, C++, Lua, VDHL, MATLAB, SQL, SCCharts, AHK

Project Experience

Snake   https://github.com/jxav22/JavaScriptSnake

- A recreation of the classic game of snake
- My focus was on writing highly optimized, modular, and efficient code – utilizing my knowledge of **OOP, algorithm design** and **SOLID principles**

Portfolio   https://github.com/jxav22/Portfolio

- A portfolio that I created to show off my coding skills.
- Implemented with **React, Typescript** and **NextJS**.

Interests

I have a love for drawing and enjoy making digital art. I also play **a lot** of board games; my current favourite is "7 wonders duel".

References

References available on request.