

CALVIN LI

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PROFILE SUMMARY

I am a second year student studying Software Engineering looking for a summer internship as a Full Stack Engineer. Passionate about web applications, creating solutions, learning and all things food.

TECHNICAL SKILL

Java

- Experience at an academic level of object-oriented programming through developing ~20 Java university programs.
- Large focus on data structures and algorithms
- JavaFX

Web Development

- Created websites using HTML and CSS knowledge (flexbox, grid, etc)
- Experience with JavaScript, React and Next.js

C/C++

- Academic skills in Dynamic Memory Management, Pointers, Function-Like Macros and User-Defined Types, File Stream I/O.
- Created I/O and raspberry pi applications.

Git

- Practical and academic experience using Git.
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EDUCATION

Bachelor of Engineering (Honours) Majoring in Software Engineering 2021 - 2024 (Expected)

Victoria University of Wellington

High School Diploma 2016 - 2020

Wellington College

EXPERIENCE

Winner of Salesforce 2022 Hackathon "Force for Good" May 2022

- Worked in a team to create a solution for sending automated feedback forms and improved form layout to encourage participation.

Waiter May 2019 - Present

Wei Thorndon

- Present menus to patrons and answer questions about menu items, making recommendations upon request.
- Take orders from patrons for food or beverages and communicated the orders to the associated teams.
- Check with customers to ensure that they are enjoying their meals and discussing with the kitchen to correct any problems.
- Provided exceptional care with customers

Delivery Driver Aug 2018 - Mar 2019

Delivereasy

- Filled in weekly roster slots.
- Completed deliveries on time by choosing more efficient routes and prioritizing late deliveries first.
- Communicated customer complaints, requests, and feedback to company management for resolution.

PROJECT EXPERIENCE

Crosshair Website

2022

I created a website that would display a set of crosshairs that professional players use in Valorant. The website drew the crosshairs dynamically from a JSON file and allowed users to copy a converted string that could be pasted into Valorant to obtain the crosshair.

- HTML
- CSS
- JavaScript
- React
- Next.js

<https://crosshair.netlify.app>

Travel Network Program (University Project)

2022

I programmed a Travel Network Program that draws all the Metlink stops in Wellington and allows the user to find the fastest route between two stops. This program also allowed users to search for stops in which the stops associated with the search prefix would be highlighted.

- Git
- Java
- JavaFX

SKILLS SUMMARY

Communication and Teamwork

In my last year at Wellington College, I played in the Futsal Regionals finals. As a senior of the team, it was my role to ensure every player understood their roles and how to support the team. During this game, no one was any scoring goals, so I looked for potential opportunities and got the team together to communicate a plan by forming a solution and explaining their roles. This allowed us to get more opportunities at scoring. Sports has enabled me to understand how effective a team can be and understand my role in a technical team which relies on effective communication, creating and sticking to a plan and identifying the need to adapt.

Problem Solving

I have strong analytic skills when it comes to finding underlying causes for different problems. In a previous C assignment, there was bug due to a function I did not use correctly. I iterated through several potential solutions, and everything was working accordingly, which led me to investigate how the function worked behind the scenes. The idea formulated from the relevant information allowed me to fix the bug.

Positive Atititude

There have been times when I went above and beyond the assignment requirements to improve on the program and see an idea of mine become functional. An example is when we were required to draw edges from different nodes however every edge was the same colour which did not make sense to me as they represented different routes from bus stops. I implemented a different colour for every edge which made the visualization of the routes much easier to digest.

Motivation

The catalyst that spiked my interest in programming was during High School where I learned more about how computers worked and began to learn how to code simple HTML and CSS websites. As I began coding at university and began building my programming knowledge, my passion for the subject has only increased. A big reason I am wanting to find an internship in my second year is that I am hungry to learn more and believe this would be a good opportunity for me to develop my skills.

REFERENCES

Christopher Mairs

Worked together in a group project at university.

Tom Whitnall

Futsal Coach