

HARPER DOAK

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Currently, in the final stretch of my Software Engineering degree at Victoria University of Wellington, I'm eagerly seeking opportunities to transition from a Software Engineering student to a professional in the field. I bring a positive, proactive mindset complemented by a strong work ethic. I am deeply inspired by the potential of robust software—whether it's crafting tools that empower individuals or devising applications that simplify daily intricacies.

I also have a keen interest in information security, recognising the vital role it plays in ensuring the integrity and safety of the digital experiences we create. I'm eager to harness my enthusiasm and skills to make meaningful contributions in the ever-evolving world of technology.

Tech SKILLS

Java - 3 years - University

React - 2 year - University and Personal Projects

Amazon Web Service (AWS) - 2 years - University

Gitlab - 3 years - University and Personal Projects

JavaScript - 3 year - University and Personal Projects

HTML/CSS - 4 years - Personal Projects

Soft SKILLS

Teamwork - EDML, Pizza Pomodoro, Countdown

Project Management - Grading Assistant

Problem Solving - EDML, CYBR271 Tutor

Creativity - Roots project

EDUCATION

Bachelor of Engineering with Honours, Majoring in Software Engineering

Victoria University of Wellington • 2020 - 2023

SWEN325 (Software Development for Mobile Platforms) - **A+**

ENGR301 (Project Management) - **A**

CYBR271 (Secure Programming) - **A-**

SWEN422 (Human Computer Interaction) - **A-**

WORK EXPERIENCE

Solution Specialist

2022 to 2023 • EDMl

EDMI is a leading smart metering solution provider in New Zealand and all around the world. Over 75% of smart meters around New Zealand are manufactured and developed by EDMl.

My role at EDMl required me to provide solutions for many different clients in New Zealand and Australia. In this role I was constantly solving problems, delegating tasks, and working within a team. I learnt how to appropriately manage P1 and P2 issues within a modern technology company.

Tutor—Secure programming (CYBR271)

2022 to 2023 • Victoria University of Wellington

My role as a tutor for CYBR271 requires me to solve problems which students may have. I run a weekly helpdesk for the course, offering students extra help with assignments.

Pizza Chef

2021 to 2022 • Pizza Pomodoro, Wellington

Pizza Pomodoro sets very high standards and, as a team, I liked to maintain our reputation as the best pizzas in town.

I learnt how to stretch pizza dough, operate the wood-fired oven, and make delicious and authentic Neapolitan pizza. It was a pressured, and often stressful environment, but the skills I learnt, particularly around time management and teamwork, are transferable to other workplaces.

PROJECT EXPERIENCE

Roots - React Native Mobile Application

Roots is a mobile application which I developed with a few of my peers from university. It is a community-driven conservation volunteering app and is designed to make it easier for people to find volunteering work. The app revolves around a map where you can sign up

to any volunteering activities which are active. The main purpose of the app is to remove the need for prior planning and organisation, enabling people to have shorter notice for events, and increasing the exposure of volunteering events in your local area.

Grading Assistant

4th year project - Software Engineering

This is my full year honours project, working alongside a supervisor. The application we are developing is a grading assistant utilising clustering algorithms to semi-automate the grading process for lecturers and tutors at university. The application has been fully designed, and development is currently underway.

Hobbies and Interests

Music

- I have been playing guitar (electric and acoustic) since the age of ten.
- I was a key member of the highly awarded Wellington College Chorale (baritone).

Sports

- I have recently started playing darts.
- I follow Formula 1.
- I'm a keen tramper.

REFERENCES

Available on Request