

# Alex Manning

021 029 43122 | [alex.t.manning@gmail.com](mailto:alex.t.manning@gmail.com) | [Linkedin](#) | [Github](#)

## EXPERIENCE

### Software Developer Intern

Dec. 2023 – Feb. 2024

*NOW NZ Broadband*

*Napier, NZ*

- Developed and deployed an internal web application at NOW NZ to streamline client and service information retrieval for technical support staff, enhancing operational efficiency and customer service delivery.
- Gained valuable CI/CD experience using Docker, Kubernetes and Bitbucket Pipelines
- Attended and contributed to daily stand-ups as well as hosting a few myself.

### Academic Tutor

Feb. 2023 – Nov. 2024

*Victoria University of Wellington*

*Wellington, NZ*

- Tutored Introduction to Computer Program Design, Data Structures and Algorithms and Software Design
- Provided personalised one-on-one guidance and feedback to students in their lab sessions
- Marked student assignments, delivering constructive feedback on their code

### Technician and store assistant

Jul. 2018 – Feb. 2022

*MyDevice (Apple device repair and resale)*

*Napier, NZ*

- Oversaw order dispatch, storefront operations, and sales to ensure optimal customer service
- Carried out laptop and industrial machinery repairs, demonstrating adaptability and problem-solving
- Managed the store database, maintaining precise inventory, customer data, and sales records

## PROJECTS

### The Zen Zone | *JavaScript, MongoDB, ExpressJS, React, NodeJS, Tailwind*

Feb 2024 – Present

- Developed a web-based modular ambient mixer that helps users focus or relax
- Created with the MERN stack it features a custom RESTful API, a NoSQL database, and user authentication
- Designed custom Tailwind CSS components, enhancing visual aesthetics of the web app

### NOW Salt | *JavaScript, GraphQL, Material-UI, Git, Docker*

Dec. 2023 – Feb. 2024

- Developed a web app to optimise client and service information access for technical support staff at NOW NZ
- Deployed the app to the NOW NZ AWS testing and production environments using a Bitbucket pipeline
- Collaborated closely with technical support and customer service teams to gather feedback and suggestions for improving app, ensuring alignment with user needs and operational requirements.

### Autonomous Vehicle Project | *C++, GitLab, Raspberry PI, Teamwork*

April. 2023 – May. 2023

- Led design and implementation of an autonomous vehicle project, writing a C++ program for a micro-controller with a PID controller to navigate an obstacle course, integrating hardware and software
- Collaborated within a team to navigate challenges and develop effective solutions

## EDUCATION

### Victoria University of Wellington

Wellington, NZ

*Bachelor of Software Engineering — GPA: 8.2*

*Feb. 2022 – Nov. 2025*

- Received the Tangiwai Excellence Scholarship

### Napier Boys High School

Napier, NZ

*Excellence endorsed level 1, 2, 3*

*Feb. 2017 – Dec. 2021*

- Duke of Edinburgh Gold award recipient

## INTERESTS

I'm deeply passionate about music, proficient in playing bass, guitar, and cello, and I'm part of a band called Saloons (check out our EP 'Stokholm!'). Beyond music, I explore hobby electronics with projects including my talking fish, chocolate dispenser, and automatic curtain opener. Staying active, I frequent the gym, enjoy mountain biking adventures, and play social netball.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, Python, HTML/CSS, C++

**Frameworks:** React, GraphQL, Node.js

**Developer Tools:** Git, Docker, VS Code, GitLab, Bitbucket, JUnit

**Libraries:** Material-UI, Tailwind CSS, Mongoose

## REFERENCES

I am happy to provide references upon request