Alex McLeod - Full Stack

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Education:

University of Auckland BSc in Computer Science with 8.25 GPA
2022 - Present. Expected Graduation 2024.

Experiences:

Market Research Associate (Jun - Oct 2022)
Enthusiastically interviewed participants and entered data for important social market research projects for clients such as Auckland Transport, Metlink, GWRC and MBIE. Integrated into company culture and learnt to use internal company software as well as teams, excel and email professionally.

Projects:

Portfolio Website - *Solid/Typescript/Vite/Netlify*
Developed a component-based reactive SolidTS-Vite web application with custom personal styling and scrolling.

Turing Machine - Rust
Developed a turing machine library in rust for a better understanding. You can instantiate the turing machine with a custom alphabet, state set and rule set and iterate through the different states of the machine and display the result. Uses a bi-directional linked list to represent the infinite tape.

Connect Four - Python/Javascript
Created a connect four game for CS130 using python and javascript within a fully responsive electron instance. Received A+ grade.

Caesar Cipher - Typescript/React/Material UI
Used typescript and react with electron to create a small desktop application for quickly resolving caesar ciphers. Utilised material ui component library to create a google-translate-like user interface with modern features.

Referees available on request.