



# Felix Blanchard

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Portfolio: <https://felix-blanchard.github.io/Portfolio/projects/>

## Personal Statement

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I am a responsible and versatile university student who values honesty, reliability, and efficiency. I am always eager to learn new skills and excel in collaborative environments.

## Education and Qualifications

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### University of Canterbury

Bachelor of Engineering (Hons), Software Engineering: 2023 – present  
Current GPA 7.88

### Mount Aspiring College 2022

### Takapuna Grammar 2018 – 2021

- Gold Duke of Edinburgh award

## Notable Employment History

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### Geotechnical field worker, Deane Consultancy Limited (2023 - 2024)

- Conducted borehole sampling, shear vane testing, and soil analyses; compiled to be used in technical reports.
- Gained insight into the operation of a professional geo-technical engineering firm.

## Overview of Software Projects

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### Java Desktop Application – Wine Wise

Collaborated with a team of five to develop a wine review and recommendation app using JavaFX.

Skills: Java GUI development, multithreading, agile development.

### API for Game Review Website

Implemented a backend API supporting CRUD operations on a MySQL database server.

Skills: RESTful API design, MVC architectural pattern.

### RIP v2 Routing Daemon (Python)

Developed a Python implementation of the RIP v2 Protocol using UDP sockets.

Skills: Python socket programming, robust error handling.

## Selective Interests

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Sport climbing, surfing, skiing, hiking, hockey, music and chess.

## Other

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Member of the University of Canterbury Climbing Club Committee, responsible for trips management.

Full Driver's Licence.

## Referees

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Peter Deane, Technical Director, Deane Consultancy Limited, 027 252 6121 [peter@deanecl.nz](mailto:peter@deanecl.nz).