




# Bradley Erskine

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 <https://brads-portfolio-website.pages.dev>

 <https://github.com/brad-skine>

## Summary

I have recently finished my Degree with a major in Computer Science and a minor in Mathematics. I am a passionate programmer who enjoys solving problems and over-coming challengers. I excel at team collaboration but can also get work done independently. I am always keen to learn more and am mostly interested in areas of data analysis, software development and design.

## Current Projects

### Portfolio Website July 2023 - Present

2024 - Present 

Have created a portfolio website to showcase my recent projects and achievements. This shows my ability to design and optimise user experience.

### Schedule planning application Sep 2023 - Present

Creating a mobile application that makes it easy to set and view goals.

Manage a calendar and set tick of daily task. I am learning how to use UML and to deploy applications on the play store.

### Multiplayer tower defense game Dec 2023 - Present

Am creating a game where each players goal is defend their own base while attacking their opponents.

- Learning how to implement networking learnt from Uni papers
- Constantly overcoming problems and challengers
- Implementing software design patterns

## Work Experience

### Engineering project Fonterra Dec 2021 - Feb 2023

- Conducted safety inspections of 160 ladders and updated safety documentation.
- Put information in tidy tables and graphs in Microsoft Excel
- Performed research on ladder safety standards and best practices.
- Inspected and documented asbestos containment on site.
- Compiled and organized data into spreadsheets for reporting and compliance.

### Data Entry Nov 2022 - February 2023

- Transcribed hand-written materials into digital documents.
- Converted data from paper to digital spreadsheets.
- Summarized information quickly and accurately.
- Scanned documents and managed various office tasks.
- Gained efficiency in typing accurately.

### Domino's delivery driver and in store Aug 2021 - Feb 2022

- Prepared pizzas and handled checkout operations.
- Time management skills to deliver pizzas in time.
- Developed strong customer service and teamwork skills
- Maintained cleanliness and hygiene standards.

## Achievements

- Trinity Rock and Pop Grade 6, 7 and 8 playing the Electric guitar
- Won South Island under 19 team even 2019
- Have competed for Southland and Otago at Nationals for Badminton

## Education

### Bachelor of Science Feb 2021 - Dec 2024

University of Canterbury

Major in Computer Science, Minor in Mathematics.

## Skills

### General Skills

- Financial Analysis
- Data Analytics
- Microsoft tools
- Debugging
- Fast touch typing
- Human computer Interaction

### Software Development

- Scrum
- Agile methodologies
- Github version control
- Test Driven Development

### Data

- Panda
- Big data cleaning
- Dask
- scikit-learn
- NumPy

### Programming Languages

- Python3
- HTML
- CSS
- C++
- Javascript
- Java

## Strengths

### Time Management

Throughout study in University have had to meet project deadlines. I have gained experience at setting checkpoints, prioritizing task and planning timetables to ensure I get all work completed on time.

### Problem Solving

Both math, computer science and software papers have built up my problem solving skills. Programming website also improved them as constantly overcoming small challenges.

### Team Collaboration

Throughout study in University have had to meet project deadlines. I have gained experience at setting checkpoints, prioritizing task and planning timetables to ensure I get all work completed on time.

## References

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### Phil Marris (Dominoes)

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