BRADLEY ERSKINE

Computer Science student

Portfolio: https://brads-portfolio-website.pages.dev

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SUMMARY

I am a student in my final year at the University of Canterbury and am taking 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

Multiplayer tower defense game

📅 2023 - Present

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

- Am about networking and how to set up multiplayer
- Implementing what I have learned about UI into the game.
- Constanly solving problems and overcoming challenges
- Implmenting software desing patterns.

Port folio Website

📅 2024 - Present

Have created a portfolio website to showcase my recent projects and acheivements.

- Refreshed my html, css and javascript skills.
- Showing my ability to design
- Optimizing user experience.

WORK EXPERIENCE

Engineer Project

Fonterra

📅 12/2021 - 02/2023   📍 Edendale

- 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

Working for Margaret Bailey

📅 11/2022 - 01/2023   📍 Invercargill

- 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

In store and Delivery Driver

📅 08/2021 - 02/2022   📍 Invercargill south city

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

ACHIEVEMENTS

Trinity Rock and Pop Grade 6, 7 and 8 playing the Electric guitar

Won South Island under 19 badminton team event 2019

Won South Island badminton team event 2019

Have competed for Southland and Otago at Nationals for Badminton

EDUCATION

University of Canterbury

School or University

📅 2020 - 2023

SKILLS

Programming Languages

Python3	CSS	Javascript	C++	HTML
Java				

General Skills

Debugging	Fast touch typing	Excel
Strong Communication	Algorithmic Thinking	C

Data

Pandas	Dask	NumPy	Big data cleaning

Software Development

Scrum	Agile methodologies
Github version control	Test Driven Development

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

Have gained team collaborations skills including a lot of communication skills from Sport teams including Cricket, volleyball and basketball as well as badminton Southland Team for 6 years. I have also improved these skills on a large variety of university group projects across past 2 and half years.

REFERENCES

Margaret L Bailey (Data Entry)

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Phil Marris (Dominoes)

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