

WILLIAM SPONGBERG

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Summary

Third-year student at the University of Melbourne, seeking a software development role to apply strong programming and problem-solving skills. Passionate about community involvement and thriving in collaborative team environments

Software Skills

Python | Java | C | C++ | C# | SQL | Javascript
| Typescript | Flutter | Dart | Prolog | Haskell

Activities And Interests

Clubs: Unimelb Game Maker's Club, CISSA

Passions: Game Development, Teaching, Camping, Cinema, Gym

Sports: Played for the University Blues team as part of the Melbourne University Football Club

Relevant Project Work

- Collaborated within a team of 3 to evaluate and apply appropriate choices in modelling and design process in Java
- Partnered up to create and optimise AI game playing agents in Python using MCTS and machine learning techniques
- Profiled and tuned business analytics queries in SQL; administered database systems
- Developed a mobile app within a team of 5 using Flutter; communicated with external client for app requirements; programmed backend REST API deployed through Typescript and Vercel
- Lead a team of 4 to develop eerie video game; programmed world generation and custom AI using Unity and C#

Academic Background

Bachelor of Science

Jan 2022 - Jun 2025

The University of Melbourne

Major in Computing and Software Systems

Employment

AI Reinforcement Specialist (Freelance)

DATA ANNOTATION

Apr 2024 - Present

- Evaluated AI-generated code for quality and provided detailed justifications for improvements based on correctness, efficiency and readability
- Wrote custom solutions for given problems; enabled AI to improve its coding abilities

Retail (Part time)

COLES GROUP

Dec 2020 - Present

- Executed and tracked unloading and stocking of 3000+ cartons of stock per shift in coordination with 5-10 team members
- Fulfilled quality control responsibilities of food handling and safety procedures in filling dairy and fresh food shelves

Customer Service (Casual)

KFC

Jan 2019 - Dec 2020

- Served customer orders alongside 10-20 team members in high-stress environment; ensured provision of fresh, quality products
- Greeted 100+ customers an hour and quickly addressed and resolved any customer enquiries or complaints

Volunteer Work

Teacher's Assistant

Fitzroy High School

Apr 2024 - May 2024

- Enhanced communication and leadership skills through interactions with students; understanding diverse challenges and alternative learning
- Taught in classrooms, provided support to teachers and contributed to positive educational outcomes