

Lukaz Solding

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EDUCATION

Adelaide University

Bachelor of Computer Science

Feb. 2025 – Oct. 2027

Adelaide, SA

- **GPA:** 6.625/7
- **Coursework:** Software Engineering, Maths for Data Science, Stats, OOP, Project Management, MATLAB and C

PROJECTS

Parkour Interactive Spot Map | HTML, CSS, Python, Django

Nov. 2025 – Present

- Website that allows users to interact with each other with media and comments
- Users can add spots within a map using their current location or coordinates to discuss their thoughts on it
- Created using the Django framework and deployed using Linode for cost-effective and reliable cloud infrastructure

Mine Setter Game | Python

Dec. 2022 – Nov. 2024

- Uses mathematics, randomisation and backtracking to determine possible winning positions
- Levels get more difficult over time with an increase in the randomisation threshold
- Utilises databases to efficiently determine the difficulty and the positioning of objects

Nutrition Tracker | C++

Sept. 2025 – Nov. 2025

- Allows tracking of the amount of calories, carbs, protein and fat consumed per meal and day
- Saves and allows updating or deletion of user's goals within a database to see progress
- Uses Object Oriented Programming techniques of Polymorphism, Encapsulation, Abstraction and Inheritance
- Created within a short time frame with Edward Wood and Jiamu Zhang

Slime Platformer | Python, Pygame, Tiled

Dec. 2025 – Present

- Uses physics, particles and collisions with tiles
- Allows users to avoid enemies while traversing complex maps
- Uses full-screen wraparound to more intractability with the complex maps

PROGRAMMING LANGUAGES AND TECHNICAL SKILLS

Proficient : C++/C, Python, MATLAB

Familiar : HTML, CSS, C#, 3D Modelling

Developer Tools : Linux, GitHub, Linode, Django

EXPERIENCE AND COMMUNITY INVOLVEMENT

Adelaide Competitive Programming Club

Aug. 2025 – Present

Member

- **Participation in Adelaide Competitive Programming League – Div B**
- Attending workshops to improve **DSA skills**
- Practicing critical thinking and strong algorithmic design within a short time frame
- Placed **6th** in a competition

Computer Science Club

Feb. 2025 – Present

Member

- Participation in Susquehanna Series
- Participation in workshops on Python and Web Development
- Attended meet and greets