

# Lukaz Solding

 [solding.lukaz@gmail.com](mailto:solding.lukaz@gmail.com) |  +61 403969622

 [github.com/LukTeddy](https://github.com/LukTeddy) |  [linkedin.com/in/lukaz-solding](https://linkedin.com/in/lukaz-solding) |  [lukteddy.github.io/github-portfolio/](https://lukteddy.github.io/github-portfolio/)

## EDUCATION

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### 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

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### 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 – Physics Character Controller | 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

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**Proficient :** C++/C, Python, MATLAB

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

**Developer Tools :** Linux, GitHub, Linode, Django

## EXPERIENCE AND COMMUNITY INVOLVEMENT

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### Adelaide Competitive Programming Club

Aug. 2025 – Present

*Member*

- **Participation in Adelaide Competitive Programming League** – Div B
- Attending workshops to improve **DSA skills**
- Practising 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