

Angelo Li

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EDUCATION

Bachelors of Computer Science (Advanced) | The University of Adelaide | Feb 2023 - Present

- **Relevant Courses:** Data Structures, Algorithms & Analysis, Computer Systems, Web and Database Computing
- **Scholarships:** Principles Scholarship
- **GPA:** 6.625

High school Diploma | Pedare Christian College | Jan 2016 - Dec 2022

- **Title/appointments :** School Academic Captain(2022), College Dux(2022)
- **Scholarships:** Academic Scholarship (2019 - 2022)
- **ATAR:** 99.95

SKILLS AND LANGUAGES

C++,C, Java, Python, SQL, CSS, HTML, JavaScript, MATLAB, R

PROJECTS

Quizlet application | Javascript, React, TypeScript | Jan 2025

- **Collaborative Learning Platform:** created a flashcard application, allowing users to add/answers questions
- **State Management:** utilised React and TypeScript to ensure a smooth and responsive user experience.

Sudoku Generator and solver | C++ | Personal Project Dec 2024

- **Algorithm Development:** Implemented efficient backtracking to solve sudoku puzzles.
- **Puzzle Generation:** Designed a robust generator to create a valid Sudoku puzzle.

Volunteering Website | JavaScript , HTML, CSS | Web and database Group Project May 2024

- **Front-End development:** Developed responsive web pages with Features such as event registration and user profiles.
- **Database Integration:** Managed a database MySQL for storing volunteer information and event details.
- **Back end development:** Worked on implementing user -specific data retrieval, allowing volunteers edit events.

Tower Defence Game | C++ | Game Development Feb 2023

- **Object-Oriented Principles:** Designed and implemented modular classes for game entities such as towers & enemies
- **Graphics and user interface :** Utilised SFML to render dynamic graphics including animated sprites.

EXPERIENCE

Ravi's Study program Nov 2024 - Feb'25

- Completed an intensive program to develop a deep understanding of data structures and algorithms.
- Applied problem-solving techniques to tackle complex coding challenges.

Competitive programming | Adelaide competitive programming club Feb 2025

- Competed in an algorithmic group based programming contest solving problems in areas such as dynamic programming, graph theory and computational geometry
- applied problem-solving techniques under time constraints

Tutor | Apex Tuition | private mathematics tutor July 2024 - Feb 2025

- Simplified complex topics for students, demonstrating effective communication skills.
- Designed personalized lesson plans showcasing adaptability and technical explanation skills.

42nd Street Cafe | Barista/manager | Westfield Tea Tree Plaza Feb 2021 - Jan 2025

- Honed my interpersonal and communication skills through interactions with diverse customers.
- Trained new employees, enhancing team efficiency and fostering collaboration through clear communication.