

# Allison Grasso

Melbourne · alligrasson@gmail.com · 0490028704

---

## Education

### Diploma of Computer Science · Swinburne University of Technology

- Interactive website using HTML, CSS and PHP
- Utilised Java and C++ to create terminal programs
- Built and managed servers using Amazon Web Services
- Built and managed networks using server racks and virtual computers

## Projects

### Solitaire

Programmed solitaire using HTML, CSS and JS by manipulating DOM elements without external libraries or apis.

### Terminal Emulation

Fullstack application using TypeScript React for frontend, Python for backend and Java to implement the program of Rock Paper Scissors into a terminal emulation.

### Terminal Based Programs

Created various terminal applications with Java using Eclipse. Implemented function to search for ticket objects and relevant user information via ticket ID

- Cinema Ticket Reservation
- Travel Booking System + Policy

### Portfolio

Interactive website using ReactJS that includes light and dark themes

## Extra Skills

### ARMLite - Mastermind

Created the game Mastermind in text format using the assembly language. Program will troubleshoot for every possible input to ensure there are no invalid inputs.

### Alarm Clock - Circuit

Created digital alarm clock with virtual circuits with the Logisim program. The program allows the user to set the desired alarm time and displays the time using LED displays.

## Achievements

- Raised \$4.5k+ for charities through community catalogues
- Created a graduation video using DaVinci Resolve that encapsulated the spirit of the cohort
- Studied data using various tests from cognitive ability to risk taking assessment via a Python program.