

Justin Yeng Jie Yeow

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Education

Monash University - Clayton, Australia | Bachelor of Computer Science

2017 – 2022

- Major in **Computer Networks & Security**

Projects

Star Wars role-playing 2D game

- A text-based role-playing game written in Java which adheres to object-oriented design principles

Space Invaders – Web browser game

- The retro arcade space invaders game revitalized using Functional Reactive Programming principles, implemented in Typescript, HTML and RxJS Observable streams to handle the user interaction and movement controls.

Final Year Project: Mobile Application (ACTIVITY) – Mental Health application (Front-end)

- Developed a mental health mobile application which utilizes Acceptance and Commitment Therapy (ACT) techniques such as the ACT Matrix which helps users to map their feelings and experiences onto a graph which brings them closer to their goal.
- Developed using React Native, Typescript and Expo as a cloud compilation tool.

Redesign Wim Hof Mobile Application

- Streamlined and redesigned the mobile application to allow users to track their cold shower challenge and evolve the subscription/payment

Technical Skills

Programming Languages

Python, Java, C, JavaScript, Typescript, React Native, HTML, CSS, Haskell,

Tools

Visual Studio, Android Studio, Expo, Figma, Trello, Github, Oracle SQL

Additional Work Experience

Kitchen Hand (part time), Zakia's Middle Eastern

May 2022 – Sept 2022

Assisted the chef in preparation and cooking of food, washing and cleaning of utensils and dishes, handling sorting and distribution of food items, taking orders from customers online and in-person, cleaning the floors, tables and kitchen area.