

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: ACTIVITY (Mobile health application – frontend)

- Developed a 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 goals and aid in mental health.
- 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 evolved the subscription/payment method.

Technical Skills

Programming Languages

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

Tools

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

Accomplishments

Highest Grade – FIT3162 Computer Science Project 2 (Final Year Project)

- Received commendation for highest grade in semester 2 of 2021 for FIT3162 Computer Science Project 2 (FYP) which involved developing the mobile health application (ACTIVITY).