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Melbourne VIC
NZ Citizen

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Keaton Tang

EDUCATION

Monash University
Bachelor of Computer Science — (82 WAM / 3.9 GPA)

Mar 2019 – Nov 2021
Melbourne VIC

- Minor in Software Engineering
- All High Distinctions Commendation
- Treasurer for Monash Badminton Club — Clayton

PERSONAL PROJECTS

Pathfinding Algorithm Visualizer

Feb 2020

- Created a **tool** to visualize pathfinding algorithms (Dijkstra's, DFS, BFS)
- Built in **React**, the web-app showcases how the algorithms behave on a grid
- Users are able to **modify** the environment by placing walls + moving the start/end nodes

PigeonPost

Dec 2019

- PigeonPost is a **full-stack** web app similar to Twitter
- Built using the **LAMP** stack (**Linux, Apache, MariaDB, PHP**)
- Front-end is **HTML+Bootstrap** generated through the PHP back-end
- Deployed on the Google Cloud Platform

Player Visualizer

Jan 2020

- Developed a **web-scraping** app that visualizes professional badminton player statistics
- Created using a Bootstrap **HTML/CSS/JS** front-end, and **Node/Express** for the back-end
- Libraries used: **Puppeteer, Chart.js**

AWARDS

DEVS Hackathon — 1st Place

Jul 2019
Auckland NZ

- Developers Society (DEVS) is the largest technology club in New Zealand
- Built lean startup for **FlatChat**, a **React Native** app that help flatters organize tasks
- Sponsored by Google, Microsoft, AWS, Xero

WIRED Hackathon — 3rd Place

Aug 2019
Melbourne VIC

- WIRED is one of the largest IT societies in Australia
- Created lean startup for **Pawductive**, a **React** web-app intended to increase productivity
- Sponsored by Atlassian, Facebook, IMC, Github, Accenture

SKILLS & OTHER

- Python, HTML/CSS, JavaScript, Java, C, React, Node
- Linux, SQL, Object-Oriented Programming, Data Structures & Algorithms
- Built an automated chicken feed dispenser using an Arduino and **C++**