

Isaac Keleher

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Education

Bachelor of Science, Computer Science

2017 - Present: Expected Grad 2020

Royal Melbourne Institute of Technology (RMIT)

- Dean's List

Experience

Full-Stack Engineer (Intern) - Oxfam Australia

3/2019 - Present

- Creating check-in mobile application for Oxfam Charity run using **Node.js** and **Vue.js**

Co-Founder/Full-Stack Engineer - Mystr

9/2018 - Present

- Awarded place in StartupBootCamp accelerator to craft custom solution to MCG staffing issues
- Built a prototype **MVP** web app with **REST API** using **React/Node.js/Express.js/MongoDB**
- Implemented SMS texting compatibility with backend using **Twilio Programmable SMS API**
- Implemented CSV export feature to transform data into **Excel** readable reports for client

Full-Stack Engineer (Contract) - Muscle Shoals Records

1/2019 - 2/2019

- Setup **PHP/Wordpress e-commerce website** with automated AusPost shipping calculation
- Setup point-of-sale system synced to website **MySQL** product database, automated stock alerts
- Migrated 3000+ unique items to **MySQL** database, wrote **Python** script to fetch product images

CSIT Volunteer Mentor - RMIT University

2/2018 - 11/2018

- Taught weekly session: **Java** and **C** programming also **SQL**, **PHP**, **JUnit**, **Git**, debugging

Assistant Manager - Muscle Shoals Records

1/2013 - Present

- Customer service duties, opening & closing store. Managed orders, inventory and stock-take

Hackathons

SBC #HackTheCity - 2nd place / 18 teams (\$1000 Prize)

9/2018

- Built "Uber inspired" labour in-sourcing mobile app with **Node.js** and **React-Native**
- Practiced the **Agile (Kanban)** methodology in our team of seven for smooth project workflow
- Won "**Most Promising Startup**" Prize awarded by **Startup Boot Camp**

RMIT ITS Hackathon - 2nd place / 13 teams (\$2000 Prize)

8/2018

- 24-hour hackathon, hacked together proof-of-concept: Lecture streaming & chat service
- Video Streaming from remote **AWS** server, chat room built with **Node.js** & **WebSocket**

Projects

- **AI Classifier** - Facial recognition using **Go**, **React** & **go-face (dlib)**, recognises Marvel Avengers
- **Qkshare** - File sharing web app built with **React** and **Node.js**. Utilises event-driven **Google Firebase Cloud Function** serverless architecture, hosted on **Google Firebase**
- **Gift Shop** - **Agile** group project: a responsive online **React/Redux/Node.js/Express.js** store. Continuous integration with **Travis CI**, testing with **Jest**, daily builds auto-deployed to **Heroku**
- **SnapShare** - **Linux**, **Apache**, **MySQL**, **PHP** stack website for uploading and sharing images

Skills

Languages: Go, Java, Python, C, Javascript, HTML, CSS, SQL, PHP

Frameworks: React, Express.js

Other: Linux, MongoDB, Node.js, Google Cloud, AWS, Travis CI, Git, Agile(Scrum/Kanban)