

# RYAN SAMARAKOON

Full Stack Developer.

## ACADEMIC BACKGROUND

### RMIT

June 2020 - 2023

Bachelor of Software Engineering

GPA: 4 (A+/HD)

Activities:

- Peer Mentor for Further Programming and Statistics
- Education Officer @ HackMelbourne
- View completed courses on my LinkedIn

### Suzanne Cory High School

Graduated 2019

- Yr 9-12 State Selective School
- ATAR: 97.15 (Top 2.85% in Victoria)
- SAT: 1470

## AWARDS

- Best User-Centric Hack @ UNIHACK 2021
- ML Grand Champion @ Singapore Intl. Science Competition
- Best Classifier & Most Marketable Product @ Singapore Intl. Science Competition
- 3rd Place @ CodeMasters UniMelb, a state-wide programming competition.
- Academic Award - Robotics (SCHS)
- Academic Award - Software Engineering (SCHS)

View More at: <https://ryan-s.me/certificates.pdf>

## HOBBIES

- Photography
- Photo/Video Editing
- Music (Piano & Vocals)
- Cycling

## GET IN TOUCH

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Website: <https://ryan-s.me>

GitHub: <https://github.com/Ry-DS>

LinkedIn: <https://bit.ly/3e4yAVg>

## CAREER BACKGROUND

### Frontend Developer

Major League Hacking - 2020 June-August

- Selected out of over 20,000 applicants to be part of the very first MLH Fellowship, a 12-week internship where students contribute to various Open Source projects. The class consisted of 150 students.
- Created an analysis module for PRISM, a powerful mapping and analysis platform used by the World Food Programme. The module helps decision makers make educated decisions on where to deploy humanitarian aid for maximum impact by collating data from weather satellites & surveys.

### Full Stack Developer

Ovio - September 2020

- I work on Aqualink, a coral monitoring application, and Oviohub, an Open Source discovery platform used by thousands of software engineers.
- I primarily work with React, Typescript, Redux, and Material UI, and have delivered various features to Aqualink and Oviohub such as improved charts, a metrics page, UI fixes, table design, and speed optimizations, allowing marine scientists to better judge the impact climate change may be having on reefs worldwide.

### Lead Full Stack Developer

50 Raw - January 2020

- 50 Raw is an e-learning startup aiming to change how Victorians view online learning
- I built 50Raw's entire product from the ground up, which included perfecting complex systems such as a secure video delivery platform, quiz maker, online forum, payment portal, secure login and many more.
- We've amassed over 100 users, and hope to continue growing coming the 2021 year. View our website @ <https://50raw.com.au>

## EXTRA-CURRICULAR

### Hackathon Competitor

- I often participate in various hackathons such as BGIS's Future Workplace Hack, UNIHACK, and MLH's various hackathons. I hope to continue participating once my University returns to campus teaching.

### Mentor

- I help mentor students in CSIT and Programming Clubs @ RMIT, aiming to help build their coding foundations and computational thinking.

### Education Officer

HackMelbourne - February 2021

- As an education officer, I help HackMelbourne produce engaging content for aspiring developers to learn the ropes, while also offering mentorship to students @ workshops/hackathons.

## TECHNICAL SKILLS

I am proficient in the following technologies:  
(Visit my website for a full comprehensive list)

- Java
- React
- Redux Toolkit
- Python
- HTML/CSS
- SCSS
- Typescript
- JavaScript
- Jest
- MongoDB
- Express.JS
- Photoshop