

# RYAN SAMARAKOON

Full Stack Developer.

## ACADEMIC BACKGROUND

### Suzanne Cory High School

Graduated 2019

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

### RMIT

June 2020 - 2023

Bachelor of Software Engineering

GPA: 4/4 (HD)

Completed Courses:

- Statistics and Analytics (ML) MATH2350 (93%)
- Further Programming COSC2391 (92%)
- Computer Systems COSC2473 (93%)
- User Centered Design COSC2628 (83%)

## 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.
- During my time there, I worked on PRISM, a powerful mapping and analysis platform designed to help the World Food Programme make educated decisions on where to deploy humanitarian aid for maximum impact.

### 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          | • Typescript |
| • React         | • JavaScript |
| • Redux Toolkit | • Jest       |
| • Python        | • MongoDB    |
| • HTML/CSS      | • Express.JS |
| • SCSS          | • Photoshop  |