

# ADRIENNE RIO

Student at Monash University Malaysia studying Computer Science

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[adrienne-rio](#)

## ACTIVITIES

### Volunteer at Fun Mandarin

#### Fun Mandarin

📅 Nov 2019 – Jan 2020 📍 Jakarta, Indonesia

- Spent my summer break volunteering a local Mandarin tuition centre to create games for teaching kids Mandarin
- Created several games with React and helped the teachers and staff to add study content into it

### React Coding Bootcamp

#### Hacktiv8

📅 Oct 2020 – Jan 2020 📍 Selangor, Malaysia

- Participated in a coding bootcamp to train up React skills
- Learned state management with Redux and also introduced to React Native
- Created Repo Analyzer as a final project

### Garudahacks Hackathon

#### Major League Hacking

📅 14 Aug 2020 – 16 Aug 2020 📍 Selangor, Malaysia

- Joined my first hackathon virtually
- Worked with a team to develop Zoom scheduler, an online class scheduler for Zoom
- I designed wireframes and created several pages using React and Material UI, and also used Firebase to retrieve schedule information for each student and display it on the front-end

### Monash Mini Hackathon

#### Soft-Skills

📅 27 Aug 2020 – 30 Aug 2020 📍 Selangor, Malaysia

- In the hackathon, my team developed an algorithm to solve a sorting problem of matching candidates in a company with the best and cost-efficient skill
- Me and my team won 1st place in the hackathon for most efficient time complexity solution

## SKILLS

### Front-End

React, Redux, Vue, CSS, HTML, Bootstrap, React Native

### Back-End

MySQL, Firebase, NodeJS, Git

### Languages

Python, Java, Javascript, Typescript, Haskell

### Practices

Object Oriented Programming, UX Design, Black/White Box Testing, Functional Programming

### Currently Learning

Scikit-learn, C, Amazon Web Services

## EDUCATION

### Bachelor of Computer Science

#### Monash University

📅 Aug 2018 – Present

### React and Redux Bootcamp

#### Hacktiv8 Indonesia

📅 Oct 2019 – Jan 2020

## PROJECTS

### Repo Analyzer

- A simple interface to show and analyse data regarding a particular repository in Github.
- Created with React and Redux with GraphQL <https://github.com/idea456/repo-analyzer>

### COVID-19 Dashboard

- A dashboard to view statistics of the current COVID-19 situation by country.
- Created with Vue and Material UI <https://github.com/idea456/covid19-dashboard>

### Hearts AI

- An intelligent agent developed with Haskell to compete against players in the game of Hearts. <https://github.com/idea456/hearts>

### Asteroids

- An implementation of the original Asteroids game using functional programming concepts of Observables from RxJS with Typescript and Javascript. <https://github.com/idea456/asteroids>

### Fun Mandarin Games

- A list of games created using React with P5JS to teach Mandarin.
- Created during my time at Fun Mandarin tuition centre. <https://github.com/idea456/fun-mandarin-games>

### Studify

- Studify is a Zoom scheduler that allows student or teachers to manage Zoom online classes all in one platform.
- Developed using React, Redux and Firebase <https://github.com/GarudaHacks-Hackathon/Studify>

### Tango List

- An application that acts like a to-do list to store Japanese vocabularies.
- Made with Vue and Vuetify <https://github.com/idea456/tango-list>