

ADRIENNE RIO

Student at Monash University Malaysia studying Computer Science

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https://github.com/idea456

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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>