

Aaron Tua

21D Simei St 4 #04-56
Singapore 528721
+65 8454 1889
aaron.tua5@gmail.com

EXPERIENCE

Intern at INTELLEX Singapore

NOV - DEC 2017

- * Shadowed web development team at INTELLEX for 4 weeks
- * Worked on the programming and design of their Desktop Syncer using Node.js and React

Intern at Dioworks Learning

JAN - MAR 2019

- * Wrote and designed DioBrain frontend using Angular and NGXS
- * Created DioBrain backend using Express and Mongoose
- * Project management for Dio Academy with external vendors

EDUCATION

Raffles Institution, Singapore

2013 - 2018

- * 'A' levels qualifications - graduated at end of 2018 with 6 'A's, including 4 H2 'A's in Physics, Chemistry, Mathematics and Economics

PROJECTS

Raffles INVENT - Dermacam

MAR 2017 - DEC 2017

- * Wrote mobile app to categorise 5 different types of skin diseases using images, trained by TensorFlow and TFLearn
- * Deployed the app and backend using Python, Expo and React Native

Discord Chat Bot - Tatsumaki

MAY 2016 - CURRENT

- * Chat and command bot on voice and text platform Discord serving over 60 million users, written in Node.js
- * Designed framework and infrastructure from the ground up

SKILLS

Node.js, HTML/CSS, Angular, Express, JavaScript, Git

AWARDS

Cyber Defenders Discovery Camp (CDDC) 2017 - Silver in JC and IP Category

LANGUAGES

English, Mandarin Chinese

CO-CURRICULAR ACTIVITIES

Teaching Head of Raffles Institution Computer Science Club

JULY 2017 - JULY 2018

- * Oversaw learning curriculum for 40 members and organised lectures and group sessions to ensure the members were adequately equipped with programming skills

Grassroots Volunteer at Meet-the-People Sessions

APRIL 2017 - PRESENT

- * Listened to the needs and requests of the residents through interview sessions
- * Contacted appropriate organisations and institutions to provide aid and assistance to the residents