

Chia Yong Kang

I am passionate about self-learning and learning from experiences/internships to master Software Engineering and Data Science. I am also passionate about the start-up scene.

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- **Github:** <https://github.com/ExtremelySunnyYK>
- **Personal Website:** <http://bit.ly/Portfolio-Yk>

WORK EXPERIENCE

Freelance Software Developer

Sep 2018 - Current

- Completed 2 Web Development projects - 1 Landing Page and another Ecommerce Webstore for my clients
- Worked with a UI/UX designer to create an Augmented Reality Android App to measure and quote for clients easily.

Finance Intern at Spencer Ogden

Jan 2018 - Apr 2018

- I was in the team that was responsible for analyzing the firm's financial risk.
- Maintains financial records for subsidiary companies by analyzing balance sheets and general ledger accounts.
- Provides financial status information by preparing special reports; completing special projects.

Special Forces Team Leader at Singapore Police Force

Apr 2018 — Feb 2020

- Special Forces Team Leader, leading squad of 40 National Service Men.
- Planned Prison Operations as well as Operational Manpower Deployment.

EDUCATION

Singapore University of Technology and Design

Expected Graduation: 2024

- Science Technology Entrepreneurship Programme (STEP) Scholar
- Computer Science

Saint Andrew's Junior College

2016 - 2017

- Servant Leader Scholar, Rank Point 85/90
- Awards: Colors Award, Eagles Award, Honor Roll

TECHNICAL SKILLS

Languages

Python • Java • Javascript • HTML • CSS • XML • SQL • PHP • Kotlin

Frameworks

Python Flask • Django • Android • ReactJS

Data Science

Numpy • Pandas • Scikit-Learn • Microsoft Excel

PROJECTS

Augmented Reality App for Construction

Oct 2018 - Current

- Revolutionized Construction by creating an app that allows them to quickly measure dimensions and generate a quote for clients
- Worked as a Freelance Developer to help a construction firm.
- Utilized: Java, Android, Arcore

Ecopop

Aug 2018 — Oct 2018

- Launched a Zero - Waste Ecommerce Business by using Data analytics to source for opportunities.
- Generated 1500 Revenue and 30 percent in profits per month
- Utilized Social Media marketing and SEO to improve visibility by 50 %

Fitness Chatbot for Singaporeans

Jul 2019 — August 2019

- Developed a ChatBot for Telegram using python that allows user to generate workouts and keep track of their fitness score for People taking IPPT.
- Using the Lean Methodology, I consistently upgraded the user interface and functionality.
- Utilized: Python, Telegram API, Heroku

SocketIO Chatroom

Mar 2019 — May 2019

- Developed a Web application using python and flask that allows user to set up their own chat group online.
- Designed a backend server that allows chat to be persistently stored in an online Database.
- Utilized: Python, Flask, HTML/CSS, SQLAlchemy, JQuery, SocketIO

CERTIFICATION/ MODULES <https://github.com/ExtremelySunnyYK/Open-Source-CS>

- Harvard CS50 Web Development Course
- MIT 6.001X (Introduction to Programming)
- MIT 6.006 (Algorithms)

Additional Information/Hobbies & Interest

- Good team player
- Driven
- Empathetic
- Passionate
- Canoeing
- Crossfit
- Running