

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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- **Personal Website:** <http://bit.ly/Portfolio-Yk>

WORK EXPERIENCE

Software Research Intern at DSO National Laboratories

Feb 2020 - Current

- Spearheading a new cybersecurity initiative to bolster Singapore's national security with Machine Learning.
- Training and fine-tuning of state-of-the-art deep-learning natural language processing models for named entity recognition tasks.

Freelance Software Developer

Sep 2018 - Current

- Completed 3 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.
- Worked with SME business to improve the User Interface and Experience of the Website.

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.

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

EDUCATION

Singapore University of Technology and Design

Expected Graduation: 2024

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

ACHIEVEMENTS

- Winner for HacknRoll 2020 Hackathon • Finalist for NUS Pitch Night