

Ravern Koh

Software Engineer

Experience

October 2019 - Present

Triomic, Co-founder, Singapore, <https://triomic.studio>

- Developed bespoke software for clients in Singapore, Australia and US

September 2019 - July 2020

Taskade, Fullstack Engineer, International, <https://taskade.com>

- Added internationalisation to grow international audience
- Create quick command interface and support for deep linking that greatly improved productivity of users
- Developed complementary browser extension that garnered over 70,000 active users

January 2019 - August 2019

TenX, Software Engineer, Singapore, <https://tenx.tech>

- Worked part-time while studying, to build performance critical backend microservices in Rust and Nix
- Did some major refactoring on a old Rust service to make it production-ready

August 2018 - December 2018

FireVisor, Software Engineering Intern, Singapore, <https://firevisor.com>

- Built camera calibration and image processing tools using Python and OpenCV, which are used to process ~4 million solar cells every month
- Owned, architected and developed a web platform in Angular, for process engineers to gain useful insights into their manufacturing data

January 2017 - April 2017

Codigo, iOS Developer Intern, Singapore, <https://codigo.co>

- Built in-house products like SwimToFly (<https://apple.co/2FhEPFA>), an app that teaches users how to swim, and AskSteve, for interactive polls

February 2018 - February 2019

Overflow, Technology Head, Singapore, <https://np-overflow.club>

- Co-led a programming interest group in school
- Grew membership from 7 to 30 people within the first 2 months
- Conducted workshops that taught participants the Python and Go programming languages

Education

April 2017 - April 2020 (expected)

Ngee Ann Polytechnic, Information Security and Forensics

- Achieved 4.0 out of 4.0 cumulative GPA
- Graduated as the top graduate of Class of 2020
- Placed on the Director's List since the first semester

Projects

September 2015 - March 2017

KKH Paediatrics Anaesthesia Handbook, <https://apple.co/2UEcbDH>

- Digitised a handbook for Paediatric Anaesthesiologists in KK Women's Hospital to refer to
- Created interactive features like a drug dosage calculator and an age-based BMI calculator.

Links

Email

ravernkoh@gmail.com

GitHub

github.com/ravern

LinkedIn

linkedin.com/in/ravernkoh

Skills

Programming

JavaScript, TypeScript, Python, Ruby, Rust, Go, Swift, Elixir

Frameworks & Tools

React, Angular, OpenCV, Ruby on Rails, Node.js, Express, TypeORM

Software & Methodologies

Linux (Ubuntu, Arch, Kali), GitHub, Slack, Git Flow, CI/CD, Scrum,

Achievements

Ngee Ann Kongsi Gold Medal

Ngee Ann Polytechnic

Lee Kuan Yew Award

Ngee Ann Polytechnic

Bronze, Cybersecurity,

WorldSkills Kazan (International)

Gold, Cybersecurity,

WorldSkills Singapore

Outstanding Technology Award

Ngee Ann Polytechnic

CompTIA Security+

Certification

Merit Award, iCode 2015