Samuel Henry Kurniawan

(+65) 85815399 | mail@samuelhk.com | ChrisMaxheart | samuelhenryk

Education

National University of Singapore *Singapore*
Bachelor of Science with Honours (Distinction) *Jul. 2015 - Jul. 2019*
- Enrolled and completed highly selective CS Courses, which are CS3216 (Software Product Engineering for Digital Markets) and CS3217 (Software Engineering in Modern Application Platforms), where only around 30 students are accepted in the courses every year.

Skills

Languages Python, Javascript, Typescript, Rust
Web React, Django, HTML, CSS, JQuery

Experience

Sea Ltd. (Previously known as Garena Online Pte. Ltd.) *Singapore*
Engineer, Web Full Stack *Jun. 2019 - Current*
- Developed and maintained multiple internal applications using Python (Django) and Javascript/Typescript (React).
- Designed and developed a platform for research scientists to search among around 300k research papers (using mini internal search engine) and subscribe to their searches to receive daily newsletters.
- Designed and developed a platform for sales team to engage around 200k Seatalk customers by sending promotional campaigns via email and in-app service notices.
- Contributed to development of internal Frontend component library (https://coral.garenanow.com/) that puts emphasis on accessibility, flexibility, and ease to use by developers.
- Revamped and maintained web-based data visualization app that enabling metrics analysis for all Sea products that comprises of billions of data rows.
- Developed a module for Seatalk OA (https://oa.seatalk.sea.com/) that allow organisations to create a custom app for their organisations using drag-and-drop functionality.
- Maintained web app for Finance department to update parameters used for revenue statistics for all Sea products and regions.
- Took initiative and developed multiple simple game platforms to help HR on doing monthly employee engagement activities.

Autowealth *Singapore*
Web Application Developer Intern *May. 2018 - Jan. 2019*
- Developed web application using HTML/CSS/Javascript (including usage of D3.js and JQuery) for Frontend and PHP for Backend.
- Developed onboarding platform for new clients to help the company onboard the new clients.
- Developed client dashboard platform for more than 20k clients in order to help them to observe and analyze their investment portfolios, which still on use until this moment.

Extracurricular Activity

Othello Organisation Singapore *Singapore*
Assistant Operating Officer *Dec. 2019 - Current*
- Mainly in charge of helping to organise annual Othello tournaments in Singapore.
- Developed an application to help registered organiser organise Othello tournaments, using Rust as Backend and React Typescript as Frontend.
- Prototype: (https://oss-frontend-test.herokuapp.com/), source code: (https://github.com/othello-organisation-singapore).

National University of Singapore *Singapore*
Tutor *Jan. 2018 - May. 2019*
- Tutored in total of around 50 students for Programming Methodology in Python.
- Responsibilities including in-class teaching, consultation, assignment grading, and exam invigilating.
- Placed on the Honor List of Student Tutors for Excellence in Teaching (AY 2018/2019).

Awards

2018	**Joint 20th Place**, ICPC Singapore Regional Contest	*Singapore*
2018	**Joint 20th Place**, ICPC Jakarta Regional Contest	*Jakarta, Indonesia*
2014	**Gold Medal**, 25th International Biology Olympiad	*Bali, Indonesia*