Ian Soo

Email: ian.sqx@gmail.com
Phone Number: +65 9777 0529
Birthday: 08 Aug 1997
Nationality: Singaporean
LinkedIn: https://www.linkedin.com/in/sooian/

EDUCATION

National University of Singapore   Aug 2019 - May 2023
Bachelor of Computing (Honours) in Computer Science - GPA: 4.75 / 5
University Scholars Programme (USP)

Singapore Polytechnic   Apr 2014 - May 2017
Diploma in Information Technology - GPA: 3.946 / 4

EXPERIENCE

Alphalab Capital - Software Engineering Intern   May 2021 - Present
- Integrated multiple exchanges' API to obtain orderbook data and execute trades
- Implemented a pub/sub system to handle adhoc orderbook snapshot requests to Orderbook servers

Carousell - Backend Engineer Intern   May 2020 - Aug 2020
- Implemented chat flow for automated conversion of unsold listings to free items using Golang and gRPC
- Benchmarked potential Golang libraries regarding Multi Pattern String Matching
- Developed REST APIs for automated querying of logs using Django

National University of Singapore - Teaching Assistant   Aug 2020 - Nov 2020
- Teaching CS1101S (Programming Methodology) to freshmen

Singapore Polytechnic - Adjunct Lecturer   May 2019 - Feb 2020
- Taught Node.js web development such as MVC and database integration with MySQL to over 20 students.
- Taught Asp.Net Core api server development and hosting with Amazon Web Services to over 20 students.

Singapore Management University - Software Developer   Feb 2017 - Jun 2017
- Built a web scraper with Python to collect research data for SMU LARC researchers
- Integrated with ElasticSearch and RabbitMQ to store research data

NYX INTELLIGENCE - CO-FOUNDER AND TECHNICAL LEAD

Nyx Intelligence is a IT consultancy I founded with 2 other partners in 2017. Below are some of the projects we did on top of our studies.

PolicyXchange.com - Software Developer   Aug 2018 - Present
- Developed an insurance website to provide Customer Relationship Management to Agents with 1600+ verified unique users using Asp.Net Core 2.1 for the backend server, Vue.js, and Azure for hosting

Singapore Polytechnic - Software Developer   Jan 2020
- Built a scheduler using Node.js to send weekly chat logs of Singapore Polytechnic's chat bot from Google Cloud Storage to the Student Service Department via Elastic Email

ACTIVITY & AWARDS

Singapore Digital Scholarship Recipient   Aug 2019 - Present
Awarded IMDA SG:Digital Scholarship (Undergraduate).

SEED Student Interest Group   Apr 2014 - Present
Mentor students in Singapore Polytechnic School of Computing.

Microsoft Imagine Cup 2016   Mar 2016
National Champions under Innovation Category out of 65 entries.

Technical Skills

JavaScript, C#, Golang, Java, Python, Cython, C++, C, Asp.Net Core, Node.js, Express.js, Vue.js, gRPC, HTML, CSS, MSSQL, MySQL, Git, Azure