

Ian Soo

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Birthday: 08 Aug 1997

Nationality: Singaporean

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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

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 - Present

- 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

KEYfields Pte Ltd - Software Development Intern

Oct 2016 - Feb 2017

- Developed lifecycle management system using Asp.Net 2 for over 2000 crops in Panasonic's vertical farm
- Integrated ENets API for membership payment feature in Singapore Cranes Association

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 300 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, C++, C, Asp.Net Core, Node.js, Express.js, Vue.js, HTML, CSS, MSSQL, MySQL, Git, Azure