

ALWYN ONG

alwyn.ong.2018@sis.smu.edu.sg | +65 8218 1993 | [Linkedin/Alwyn](https://www.linkedin.com/in/Alwyn) | alwynong.com | [Github](https://github.com)

EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY - Bachelor of Science (Information Systems)	2018 – 2022
On course for: Magna Cum Laude (High Distinction)	
Teaching Assistant (CS102 Programming Fundamentals II)	

PROFESSIONAL CERTIFICATION

AWS Certified Solutions Architect – Associate from AWS	2021 – 2024
Oracle Certified Foundations Associate, Java from Oracle	2020
Certified Business Analytics Specialist (CBAS) from Global Science & Technology Forum	2019

EXPERIENCE

ZENDESK - Software Engineer Intern (Current)	Aug 2021 – Dec 2021
DBS BANK - Software Engineer Intern (Young SEEDer Program)	
May 2021 – Jul 2021	
<ul style="list-style-type: none">Involved in building microservices exposing legacy systems via REST APIs in Java Spring Boot, connecting to MariaDBPerformed Spring Boot migration update of various microservicesConducted research and proposed solution for migrating from Jhipster to Spring CloudImproved CI/CD process via Jenkins for Python Flask module	
GOVERNMENT TECHNOLOGY AGENCY - Developer Intern (Talent Acquisition Division)	May 2020 – Aug 2020
<ul style="list-style-type: none">Developed SharePoint WebPart to help with various use cases (SharePoint Framework (SPFx), JavaScript)Developed system to track candidates utilising SharePoint platform (SharePoint REST APIs, JavaScript/jQuery)Setup, managed and updated information system for tech leads and recruiters to support recruitment eventSetup NLP for form responses, automating scripts to call Google Cloud APIs via Google Cloud Platform (JavaScript)	
COXPLORE – Software Developer Intern	Vietnam Dec 2019
<ul style="list-style-type: none">Leveraged existing framework to fix and improve company website, fixing existing bugs and publishing new pagesSetup Google Analytics on website and setup dashboard to collect data for analysis on user demographicsSetup an automatic email reply system for new users to receive a confirmation emailRefined and improved on business model for new feature on mobile app	

PROJECT EXPERIENCE

Personal Website: www.alwynong.com (for additional information and projects)	
Self Service Portal for Training Platform for VMWare – [ReactJS, Java (Spring Boot), Kubernetes]	
<ul style="list-style-type: none">Self Service Portal to manage user access and automate dissemination of lab materials for use during workshops	
Tutor Booking System – (Github) – [ReactJS, Java (Spring Boot)] – Website to list and book tutors based on timeslot	
Shopping App – [Kotlin, TensorFlow] – Mobile App for grocery shopping, using image/voice recognition	
Mahjong Score Calculator (Github , Live Demo) – [ReactJS] – Website to help you calculate the score (tai) in mahjong	
Vessel Tracking System for PSA - [Java (Spring Boot), HTML, CSS, JavaScript]	
<ul style="list-style-type: none">Web Application to track and showcase information from client API, with automatic hourly and daily API calls	
FBS Booker (Github / Demo) – [Python (Selenium)]	
<ul style="list-style-type: none">Created a program to automate booking in Facility Booking System (FBS), reducing process time by 30%	
SGLoveLah (Github) – [HTML, CSS, JavaScript, Python (Flask), AMQP (RabbitMQ), Docker, Python (Socket.IO)] Sample dating site	
Bidding Website for Students (Mock Version) – [AWS, WAMP, HTML, PHP] – Mock website for student to bid modules	

CO-CURRICULAR ACTIVITIES

Coder's Assembly (Mentor)	Sep 2020 – Dec 2020
<ul style="list-style-type: none">Volunteered to mentor freshmen in their Introduction to Programming module (taught in Python)	
Business Intelligence & Analytics – Data Associate Programme	Dec 2019 – May 2020
<ul style="list-style-type: none">Conducted a 1.5 hour lesson on Web Scraping (Using BeautifulSoup and Selenium) for a class of 40 data associates	

COMPETITIONS

JP Morgan Code for Good (Singapore) – Top 4	Oct 2020
CodeIT Suisse 2020 by Credit Suisse (Individual – 8th place)	Sep 2020

SKILLS

<ul style="list-style-type: none">Technical skills: MySQL, Python (Selenium, BeautifulSoup, Flask) , HTML, CSS, JavaScript (ReactJS, VueJS), WAMP, PHP, Java (Spring Boot), Kotlin, AWS, Github
