

**ALWYN ONG**

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**EDUCATION**

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

**PROFESSIONAL CERTIFICATION**

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

**EXPERIENCE**

<b>ZENDESK - Software Engineer Intern (Incoming)</b>	<b>Aug 2021 – Dec 2021</b>
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<b>DBS BANK - Software Engineer Intern (Young SEEDer Program)</b>	<b>May 2021 – Jul 2021</b>
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- Involved in building microservices exposing legacy systems via REST APIs in Java Spring Boot, connecting to MariaDB
- Managed the SpringBoot migration update of various microservices
- Exposure to AGILE software development process lifecycle
- Improved CI/CD process via Jenkins for Python Flask module

<b>GOVERNMENT TECHNOLOGY AGENCY - Developer Intern (Talent Acquisition Division)</b>	<b>May 2020 – Aug 2020</b>
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- 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 event
- Setup NLP for form responses, automating scripts to call Google Cloud APIs via Google Cloud Platform (JavaScript)

<b>COXPLORE – Software Developer Intern</b>	<b>Vietnam Dec 2019</b>
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- Leveraged existing framework to fix and improve company website, fixing existing bugs and publishing new pages
- Setup Google Analytics on website and setup dashboard to collect data for analysis on user demographics
- Setup an automatic email reply system for new users to receive a confirmation email
- Refined and improved on business model for new feature on mobile app

**PROJECT EXPERIENCE**

**Personal Website:** [www.alwynong.com](http://www.alwynong.com) (for additional information and projects)

**Self Service Portal for Training Platform for VMWare** – [ReactJS, Java (Spring Boot), Kubernetes]

- Self Service Portal to manage user access and automate dissemination of lab materials for use during workshops

**Tutor Booking System** – ([Github](https://github.com)) – [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](https://github.com), [Live Demo](#)) – [ReactJS] – Website to help you calculate the score (tai) in mahjong

**Vessel Tracking System for PSA** - [Java (Spring Boot), HTML, CSS, JavaScript]

- Web Application to track and showcase information from client API, with automatic hourly and daily API calls

**FBS Booker** ([Github](https://github.com) / [Demo](#)) – [Python (Selenium)]

- Created a program to automate booking in Facility Booking System (FBS), reducing process time by 30%

**SGLoveLah** ([Github](https://github.com)) – [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**

<b>Coder's Assembly (Mentor)</b>	<b>Sep 2020 – Dec 2020</b>
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- Volunteered to mentor freshmen in their Introduction to Programming module (taught in Python)

<b>Business Intelligence &amp; Analytics – Data Associate Programme</b>	<b>Dec 2019 - Present</b>
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- Conducted a 1.5 hour lesson on Web Scraping (Using BeautifulSoup and Selenium) for a class of 40 data associates

**COMPETITIONS**

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

**SKILLS**

- Technical skills: MySQL, Python (Selenium, BeautifulSoup, Flask), HTML, CSS, JavaScript (ReactJS, VueJS), WAMP, PHP, Java (Spring Boot), Kotlin, AWS, Github