Ching Ming Yuan

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EDUCATION

National University of Singapore   08/2022 - Present
Bachelor of Computing (Hons) with Major in Computer Science (CAP 4.94)
- Awarded NUS Merit Scholarship
- Dean's List, AY2022/2023 Semester 1
- House Head for Freshman Orientation Week 2023

Anderson Serangoon Junior College   02/2018 - 08/2019
Cambridge A-Levels
- Graduated with a UAS of AAA/A with a Merit in H3 Chemistry
- Part of College's Scholars programme, Alpha Scholar's Programme
- Recipient of MOE's Edusave Certificate of Academic Achievements in both years of college
- Recipient of MOE's Edusave Character Award in 2019

WORK EXPERIENCE

IOS Developer (Freelance), Singapore   11/2022 - Present
- Assisting various university professors to develop a mobile application to assist nurses across various hospitals in Singapore.
- Developed and productionised a swift based IOS application that is able to connect to specific Bluetooth Low Energy (BLE) peripherals and communicate with an established online database.

Cyber Sierra (Internship), Software Engineer, Singapore   05/2022 - 07/2022
- Worked mainly as a backend software engineer while also assisting as an DevOps engineer.
- Prototyped a cartography software that scans and maps companies' footprints on cloud service providers such as AWS, Azure and Google Cloud Platform.
- Created a program to go alongside the aforementioned software that runs thousands of queries against the indexed data to uncover possible vulnerabilities and misconfigurations.
- Created and deployed an employee training software that aims to help enterprises achieve cyber security certification such as ISO. This software is currently being sold in the India market.
- Conducted market research to assess competitors in the market and how better to poise our software to achieve better product market fit.

VOLUNTEERING EXPERIENCE

Project Matuwa, Programmes Executive, NUS Rotaract Club   08/2022 – Present
- Yearly Youth Expedition Project (YEP) jointly supported by Singapore Rotaract Club as well as Youth Corps Singapore.
- Planned a detailed study plan spanning weeks and subjects tailored to the current needs of our partnered school.

Christmas Party 2018, Organizer, Rivervale Grove Residents Committee   08/2018 – 12/2018
- Led a committee of 20 people to plan and execute a carnival for the residents of the Seng Kang GRC.
- Liaised with multiple government agencies and third-party vendors for sponsorship.
- Event was graced by Mr Charles Chong, then Deputy Speaker of Parliament as well as thousands of residents.

PAYM Loves Red, Organizer, Rivervale Grove Residents Committee   04/2018 - 08/2018
- Led a committee of 20 people to plan and execute a national day carnival for the residents of the Seng Kang GRC.
- Liaised with multiple government agencies and third-party vendors for sponsorship.
- Event was graced by Mr Charles Chong, then Deputy Speaker of Parliament as well as thousands of residents.

AWARDS AND CERTIFICATIONS

CS50AI, Harvard University (offered on edX)   11/2021
- Picked up basic Artificial intelligence and Machine Learning concepts ranging and algorithm from A* search to Unsupervised learning.

Outstanding Contribution Award, Anderson Junior College   06/2019
- Awarded the coveted outstanding contribution award for having displayed significant contribution to the college and community consistently without compromising on one's academic pursuit.

ADDITIONAL INFORMATION

Languages: English, Mandarin, Python, Golang, C, Java, TypeScript, HTML, CSS, React
Interests: Basketball, Running and strategy games