

EDUCATION

Nanyang Technological University, Singapore Bachelor of Engineering in Computer Science

Aug 2022 - Jul 2026

- GPA: 4.14/5.00
- Learnt how to code with C, C++, Java, Python and MySQL workbench
- Created a Data Science project using Jupyter Notebook and did extensive research into the various machine learning algorithms
- Worked on a software development project to create a website from scratch using Javascript, Tailwind css and ReactJS
- Worked on a Java project where we had to implement the basic principles of Object Oriented Programming
- Familiar with algorithms and data structures, agile methodology and database design

EXPERIENCE

Aquaponics Hackathon, by IEEE NUS and NTU Student Branch Participant

July 2023

- Learnt about the usage of ESP32 microcontroller, as well as AWS IoT devices; had hands-on experience with said devices through the different workshops.
- Collaborated with a few other members to come up with strategies that could improve on the aquaponics system, with the help of vigorous research.

Einstein Education Hub Pte Ltd Tuition Admin

January 2022 - March 2022

- Oversaw organization of files; kept track of lesson schedules and made sure worksheets and notes are prepared every lesson.

CO-CURRICULAR & VOLUNTARY ACTIVITIES

NTU TOP Orientation Proggie

August 2023

- Managed the games and stations during orientation, as well as coming up with strategies to ensure inclusivity.

SAJC IOTA Publications Secretary

January 2018 - January 2019

- Took charge of taking down meeting minutes every session; managed the writing of various articles; led various writing workshops

CCA Flag Day 2019 Volunteer

April 2019

- Raised money and awareness from the public to help support the Children's Charities Association of Singapore; worked alongside a couple of others to optimize efficiency in reaching out to more people.

SAJC Open House 2019 Tour Guide

January 2019

- Led tours around the school during SAJC Open House to prospective students; researched and revised the key locations needed to be shown during the tour.

TECHNICAL SKILLS

- Typing proficiency: Consistently 90 WPM
- Language fluency: Effectively bilingual in English and Mandarin, elementary proficiency in Japanese
- Data organization in Microsoft Excel