YEOH YONG JIE

Second Year Computer Science Student in NUS

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EXPERIENCE

Teaching Assistant, NUS   Aug 2022 - Present
- Taught a class of 8 computer science freshmen the fundamentals of programming under the module CS1101S

Software Engineer, Vibefam   May 2022 - Jul 2022
- Designed and implemented the authentication page and the new user onboarding process during summer internship
- Technology: Firebase, Vue.js, Stripe

Project Development & Initiatives Executive Director,   Oct 2021 - Present
International Council of Malaysian Scholars and Associates
- Streamlined event creation process to speed up event creation by 10%
- Liaised with external companies and coordinated teams to conduct events that benefit Malaysians from different parts of the world

PROJECTS

Project Castaway   May 2022 - Aug 2022
- Developed a livestream application from ground up which allows users to stream and share podcasts with each other
- Achieved Apollo11(Advance) Level for Orbital
- Technology: Flutter, Firebase, Node.js, Socket.IO, Google Compute Engine

Project Lumo   Jan 2022 - Aug 2022
- Awarded First-Runner up in Atos IT Challenge 2022
- Designed a mobile app that uses machine learning to predict forest fire and warn users about it
- Technology: Flutter, Firebase, TensorFlow

Customer Footfall Counter with Machine Learning   Dec 2021 - Dec 2021
- Automate the processing of CCTV footage to count customer footfall using DeepSORT Algorithm and YOLO Model

EDUCATION

National University of Singapore   Sep 2021 - Sep 2025
Bachelor of Computing in Computer Science
- Top student in the cohort for CS1231S Discrete Structures
- Attained 4.86/5.0 GPA in Year 1

Hwa Chong Institution   Jan 2015 - Dec 2020
Singapore-Cambridge GCE A-Level
- Attained Distinction in H3 Math and scored 88.75 Rank Points with 5A1B in A-Level
- Selected for Science and Math Talent Programme

AWARDS AND SCHOLARSHIP

- ASEAN Scholarship Recipient
- Hwa Chong Diploma with Distinction (January 2021)
- Silver Award - World Mathematics Team Championship (November 2018)

ADDITIONAL INFORMATION

- Programming Languages: Java, Python, Typescript, Javascript, Go, C++
- Fields of Interest: Software Engineering, AI, Machine Learning, Blockchain, Startup