TENG YI ONG

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Currently in my 2nd year studying Computer Science at University of Nottingham, seeking for an internship in software development that provides opportunity to learn and further discover more software methodologies & tools to create a maintainable software and make a positive impact to the society. I'm interested in agile software development with experience of using Java. Besides that, I'm doing some research to discover more about AI and Data Analytics in my free time.

EDUCATION

BSc Computer Science, University of Nottingham   **Sep 2023 - Present**

Achieved First Class in 1st year

Techniques learned:
- Developed skills in software development and git management from introduction to software engineering module.
  - Produced UML diagrams based on brief given and own textual analysis
  - Done JUnit testing and fixed messy & unorganised Java code files
  - Performed branch merging with Git and fixed merge conflicts remotely & locally

- Improved in team communication and development from software group project.
  - Demonstrated good communication skill in the team by sticked to main point throughout a discussion
    - Pratised RASA, a communicate technique to use in a conservation.
      - Received (listen to the speaker), Appreciate (show that you were listening with body languages such as nodding or eyes contact), Summarise (understand and response to what the speaker said) & Ask (optional, ask a follow up question)
  - Showcased clear planning and milestones from start through to completion

- Learned the fundamental of AI and machine learning from related module.
  - Gained further understanding of Natural Language Processing and Large Language Model through this module
  - Developed data pre-processing skills with libraries such as numpy, pandas & matplotlib
  - Implemented machine learning library - Scikit-learn
    - Constructed related model - MLPRegressor

A-Level, Sunway College   **Jan 2022 - June 2023**
- Physics A*, Mathematics A*, Further Mathematics A*, Economics A
- Band 6.5 in English proficiency test IELTS

IGCSE, Dwi Emas International School   **Jan 2018 - Nov 2022**
- 7A*/A, 2B, 1C

RELEVANT EXPERIENCE

People Vehicle Search (Power Search)   **March 2024 - May 2024**

Personal Project (integrated from school project)

- A simple website that allow user to search their vehicle's info and add a new vehicle
- Database were created by using Supabase (with the use of SQL), and data were retrieved from it by the use of API
- Practiced web development with this project, with the use of HTML, CSS & JavaScripts
- Performed unit tests on the webpage with playwright and successfully passed all the tests

IT (and Mathematics) Tutor   **Dec 2022 - Jan 2022**

Self Employed

- Tutored IGCSE students in subjects IT & Mathematics to help improve their grades
- Improved in explaining concepts like mathematics and computer networking

ADDITIONAL EXPERIENCE

Quartermaster in NMG2024   **October 2024 - Nov 2024**

Nottingham Malaysia Games, held by Nottingham Malaysia Society

- Planned fixtures and location for the participants
- Reviewed previous engagement and collected feedback from participants to better understand the issues ongoing in the event last year (such as messy event schedule)
- Reviewed and restructured info and rule book released by the society
- Successfully ensured every participants have a clear understanding on the fixtures, event's schedule and location (commented by the participants)
- Games went smoothly and ended on time on the day of event

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, Haskell, SQL, JavaScripts, ARM Assembly, C
- **GUI Development**: Java Swings, JavaFx, React, Node.js, HTML, CSS, Figma, Wix
- **Development Tools**: Git (with GitLab and GitHub), VS Code, Eclipse, IntelliJ, Visual Paradigm
- **Testing Framework**: JUnit, Playwright, unittest (Python unit tests), Jest
- **Deployment Platform:** AWS EC2 instance, Docker

ADDITIONAL INFORMATION

- **Languages:** English, Chinese, Malay