NGOH WEI YUE

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EDUCATION

National University of Singapore (NUS)   **Aug 2019 – Present**
- Bachelor of Computing in Computer Science (with Honours)
- CAP: 4.59
- Relevant Coursework: Design and Analysis of Algorithms, Software Engineering Principles and Patterns, Database Systems, Introduction to Computer Networks, Introduction to Artificial Intelligence, Machine Learning, Computer Vision and Pattern Recognition

Nanyang Junior College (NYJC)   **Feb 2015 – Oct 2016**
- GCE 'A' Levels: AAA/A

TECHNICAL SKILLS

- Programming Languages – Python, JavaScript, Java, and PostgreSQL
- Frameworks and tools – React.js, Node.js, Bootstrap, Docker, Android Studio, Firebase, MongoDB, Automation Anywhere

WORK EXPERIENCE

National University of Singapore (NUS)
Teaching Assistant (Introduction to Artificial Intelligence)   **Aug 2021 – Present**
- Graded weekly assignments and provided feedback to 31 students to reinforce their basic AI concepts
- Clarified students' doubts through email and forum replies

GlobalFoundries
Software Engineering Intern   **May 2021 – Jul 2021**
Python, SQL, Automation Anywhere
- Initiated the development of Python scripts to automate the creation of daily meeting reports thereby saving more than 1,000 man-hours a year
- Integrated SQL database queries and data manipulation with RPA bots to speed up the retrieval and filtering of data by more than 50%
- Mentored newly-joined interns on RPA technologies like Automation Anywhere

Robotic Process Automation (RPA) Developer Intern   **Dec 2020 – Jan 2021**
Automation Anywhere
- Designed and developed 3 RPA bots to automate the retrieval of data from different web reports thereby saving preparation time for meetings by more than 200%

PROJECTS

Personal Portfolio Website v2.0 🔗   **June 2021**
JavaScript, HTML, CSS, React.js, Node.js, Bootstrap
- Developed a responsive web application with interactive buttons and icons to showcase my personal projects
- Utilised 3rd party libraries and APIs like React Router for navigation and SendGrid for a built-in contact form

Addendum for Teaching Assistants (ATAS) 🔗   **Aug – Nov 2020**
Java, JavaFx, TravisCI, Gradle, JUnit5, CSS
- Collaborated with a team of 5 members to develop a desktop application that handles in-class administrative tasks more seamlessly for NUS teaching assistants
- Designed application UI and implemented an auto-save memo feature
- Took charge of the project's documentation (UG, DG, Javadoc)

lastMinute 🔗   **May – Jul 2020**
Java, Android Studio, Google Firebase
- Developed an all-in-one Android travel application with another teammate to simplify users' travelling experience by integrating essential travelling tools together
- Attained [Apollo 11](#) (advanced level of achievement) for NUS's Independent Software Development Project module
- Implemented a currency converter tool with live exchange rates as well as an itinerary planning tool

CO-CURRICULA EXPERIENCE

NUS Entrepreneurship Society   **Aug 2020 – Aug 2021**
Member, Core division
- Facilitated discussions between like-minded budding entrepreneurs on entrepreneurial and start-up topics

Basketball, KEVII Hall   **Feb 2020 – Mar 2021**
Captain
- Led a team of 25 freshmen and seniors for training and cultivated their passion for the game through fun and effective practice drills
- Liaised with hall leaders to ensure that the CCA has adequate funds and support for conducive and safe training especially during the COVID-19 pandemic

OTHERS

- **Workshops:** Facebook's Above & Beyond Computer Science (ABCS) Program, Awarded [Distinction](#) for Hackwagon Academy's Data Analytics with Python
- **Hackathons:** LifeHack 2021, Shopee Code League 2020