

Ngoh Wei Yue

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Portfolio Website: nweiyue.github.io/portfolio/#/

EDUCATION

National University of Singapore (NUS)

Aug 2019 – Present

- Bachelor of Computing in Computer Science (with Honours)
- Singapore-Industry (SgIS) Full-Term Scholar
- CAP: 4.59

Nanyang Junior College (NYJC)

Feb 2015 – Oct 2016

- GCE 'A' Levels: AAA/A

WORK EXPERIENCE

GlobalFoundries

May 2021 – Present

RPA Developer Intern

Automation Anywhere, SQL, Python

- Designed and developed Robotic Processing Automation (RPA) bots to perform data cleaning and manipulation
- Crafted Python scripts and incorporated them with RPA bots to improve their reliability and efficiency during run time

GlobalFoundries

Dec 2020 – Jan 2021

RPA Developer Intern

Automation Anywhere

- 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

HTML, CSS, JavaScript, 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, Particle JS and SendGrid to provide better user experience

Addendum for Teaching Assistants (ATAS)

Aug – Nov 2020

Java, JavaFx, TravisCI, Gradle, JUnit5, CSS

- Collaborated with 4 other team members to develop a desktop class-management application for teaching assistants in NUS to enhance their in-class teaching experience
- Designed the initial UI and tab layout of the application
- Took charge of documentation (UG, DG, Javadoc)

Duke

Aug – Sep 2020

Java, JavaFx, TravisCI, Gradle, JUnit5, CSS

- Developed a desktop task manager application that also acts as an interactive chatbot

lastMinute

May – Jul 2020

Java, Android Studio, Google Firebase

- Developed a full-stack all-in-one Android travel application with another teammate to enhance users' travelling experience
- Attained Apollo 11 (advanced level of achievement) for a software development module (CP2106)
- Utilised external API to retrieve, real-time data from the Internet
- Incorporated back-end data using a NoSQL database
- Handled UI/UX of the application

CO-CURRICULA EXPERIENCE

NUS Entrepreneurship Society

Aug 2020 – Present

Member, Core division

- Facilitated and interacted with like-minded budding entrepreneurs by having deep discussions on entrepreneurship and startup topics

Basketball, KEVII Hall

Feb 2020 – Mar 2021

Captain

- Led a group of 25 freshmen and seniors by cultivating members' passion for the game and imparting them with basketball knowledge and skills
- Liaised with other hall leaders to ensure that the CCA has adequate funds and support for conducive and safe trainings especially during the COVID-19 pandemic

COURSEWORK

- **Completed:** Data Structures and Algorithms, Computer Organisation, Software Engineering, Independent Software Development, Database Systems, Introduction to Computer Networks, Introduction to Operating Systems, Introduction to Artificial Intelligence

ADDITIONAL INFORMATION

- Programming Languages – Java, Python, C, JavaScript, HTML, CSS and PostgreSQL
- Frameworks and tools – React.js, Node.js, Bootstrap, Git, Android Studio, Firebase, Automation Anywhere, Matplotlib, Seaborn, BeautifulSoup, NLTK and Scikit Learn