Nur Dilah Binte Zaini

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EDUCATION

Nanyang Technological University, Singapore   Aug 2020 – May 2024 (Expected)
Bachelor of Engineering (Computer Science)

- Relevant Modules: Introduction to Computational Thinking & Programming, Data Structures & Algorithms, Introduction to Data Science & Artificial Intelligence, Algorithm Design & Analysis, Object Oriented Design & Programming, Software Engineering, Introduction to Databases

Nanyang Polytechnic, Singapore   Apr 2017 – Mar 2020
Diploma in Multimedia and Infocomm Technology Specialization: Infocomm Solutions

- Diploma with Merit, CGPA: 3.94/4.00
- Directors' List for all 5 semesters
- Edusave Certificate of Academic Achievement 2018, 2019 and 2020
- Edusave Skills Award 2020
- Achieved Distinction in: Programming Methodologies & Practices, Object-Oriented Analysis & Design, Database Fundamentals, Database Design and Implementation, UX Design for Multi-Devices, Network Services Implementation, Open-Source Web Solutions Development, Software Engineering Practices
- Relevant Modules: Internet Application Development, Internet Programming, Web Design & Development, Java Enterprise Development, Mobile Application Development, Web 2.0 Application Development

Whitley Secondary School, Singapore   Jan 2013 – Dec 2016
Singapore Cambridge O Levels

- Edusave Good Progress Award

ACADEMIC PROJECTS

Nanyang Technological University, Singapore
Software Engineering Project   Sep 2021 – Oct 2021
Title: Outhink Itinerary Planner

- Collaborated with team members to design the application's Dialog Map, the applications' User Interface and document Software Requirements Specification Document
- Programmed the Agenda page of the mobile application for the user to add or remove locations that are recommended based on the user's preference for user's one-day itinerary plan

Data Science Project   Mar 2021 - Apr 2021
Title: TMDB Genre Prediction Mini Project

- Collaborated with 2 team members to develop and compare various types of prediction models to predict movie genre based on the movies' overview
- Performed basic data acquisition, cleaning and visualization to analyse for specific factors that can aid in improving the accuracy of the model to obtain better movie genre predictions
- Implemented Long Short Term Neural Network Model using Keras to obtain movie genre predictions based on the movie overviews

PERSONAL PROJECTS

NUS IDEATE 2021 Hackathon   30 July 2021 – 1 Aug 2021
Title: StackLah! Mobile Application Prototype
- Performed requirement analysis of given business problem and designed a foldable cart prototype that aims for user convenience and reduction in use of plastic bag

WORK EXPERIENCE

ST Electronics   Mar 2019 – Aug 2019
IOT Centre of Excellence, Intern
- Created test scripts for the web application using JMeter to determine the application's performance under real-life load conditions before deployment and generated the results in dashboard report
- Performed Black Box Testing on web application as part of the testing and integration stage

Central Provident Fund Board   May 2022 – Dec 2022
RPA Centre of Excellence, Intern
- Adopted an agile methodology with pair-programming technique to develop a booking system app for a CPFB use case using Power App and Power Automate
- Implemented UiPath Script for COVID-19 Tracking CPFB use case to automate internal user's mundane task
- Developed VBA script for CPFB use case to send out bulk emails to multiple recipients
- Assisted in Basic In-House UiPath Training, clarifying doubts and technical issues experienced by trainees

CO-CURRICULAR ACTIVITIES

Nanyang Polytechnic's School of Engineering Club   Mar 2017 – Dec 2018
Assistant Student Organiser
- Actively participated in organising club events for Nanyang Polytechnic
- Involved in hosting games for Nanyang Polytechnic open house

Whitley Secondary School's Art Club   Jan 2013 – Dec 2015
- Curated a unique badge design to welcome the Guest of Honour
- Participated in SG 50 to raise funds for National Kidney Foundation

Volunteer Work   Apr 2017 – Apr 2018
- Volunteered in Habitat for Humanity organisation to help in painting the room for the elderly
- Played an active role in assisting students in Drone and Robotics Workshop for primary and secondary school

SKILLS

Languages: Proficient in English and Malay
Programming: HTML, CSS, JavaScript, Python, Java, C#, Node.js, PHP, MySQL, VBA
Software Applications & Frameworks: Jupyter Notebook, Google Colab, Adobe Illustrator, Adobe Premiere Pro, Microsoft Power Apps, Microsoft Power Automate, UiPath
Other Skills: Zoom, Microsoft Teams