Nur Dilah Binte Zaini

HP: +6597323970 | Email: nurdilah352@gmail.com
Linkedin: https://www.linkedin.com/in/nur-dilah-binte-zaini | GitHub: https://github.com/justdilah

EDUCATION

Nanyang Technological University, Singapore   Aug 2020 – Dec 2023 (Expected)
Bachelor of Engineering (Computer Science)
Specialization: Data Science and Artificial Intelligence
- Relevant Modules: Data Structures & Algorithms, Algorithm Design & Analysis, Object Oriented Design & Programming, Advanced Software Engineering, Database System Principles, Artificial Intelligence

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: Object-Oriented Analysis & Design, Database Fundamentals, Database Design and Implementation, Network Services Implementation, Software Engineering Practices
- Relevant Modules: Web Design & Development, Mobile Application Development

Whitley Secondary School, Singapore   Jan 2013 – Dec 2016
Singapore Cambridge O Levels
- Edusave Good Progress Award

ACADEMIC PROJECTS

Nanyang Technological University, Singapore   Jan 2023 – Dec 2023
Final Year Project
Title: Forgery Localization in images
- Developed a forgery detector model with a universal feature set detecting information-preserving tampering operations using Python on Pycharm IDE
- Implemented an application that utilized the model providing a user-friendly interface for users to interact using Python Tkinter

Data Science Project   Mar 2021 - Apr 2021
Title: TMDB Genre Prediction Mini Project
- Performed basic data acquisition, cleaning and visualization using Python to analyse for specific factors that can aid in improving the accuracy of the model to obtain better movie genre predictions on Jupyter Notebook
- Implemented Long Short-Term Neural Network Model using Keras to obtain movie genre predictions based on the movie overviews, achieving 60% accuracy

Information Retrieval Project   Mar 2023 - Apr 2023
Title: Movies Search Engine (Data Crawling Role)
- Collaborated with a team of five to implement a search engine which provides the proportion of reviews that are positive, negative or subjective, illustrating a general picture of what has been said by the public for the movie
- Implemented web crawling code using BeautifulSoup for dataset acquisition and the search engine interface, crawled over 10,000 records

PERSONAL PROJECTS

Samsung Solve For Tomorrow 2022 Competition   Nov 2022 – May 2023
Title: Plativity Mobile Application Prototype
- Developed gamified mobile app prototype using Figma that integrates to-do lists with a collectible card game (CCG), with a focus on automating the decision-making process when prioritising tasks, achieved Top 5 placing as the Finalist team

NUS IDEATE 2021 Competition   July 2021 – Aug 2021
Title: StackLah! Mobile Application Prototype
- Performed requirement analysis of given business problem and applied design thinking concepts to design a foldable cart prototype that aims for user convenience and reduction in use of plastic bag
- Created business plan presentation deck and presented business plan pitch to the judges

WORK EXPERIENCE

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, leading to an increase in staff's productivity
- 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

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

CO-CURRICULAR ACTIVITIES

Nanyang Polytechnic's School of Engineering Club   Mar 2017 – Dec 2018
Assistant Student Organiser
- Participated in organising and hosting club events for Nanyang Polytechnic

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, MySQL, VBA, React.js
Software Applications: Jupyter Notebook, Google Colab, Microsoft Power Apps, Microsoft Power Automate, UiPath