

Nuzul Firdaly

- Product Manager - Software Engineer - Analyst

Yishun, Singapore

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Skills

Agile Software Development – Scrum, Kanban

Programming Languages – Python, SQL, JavaScript, HTML, CSS, C#, Swift

Machine Learning & Data Science – Numpy, Pandas, Scikit-Learn, matplotlib, Tableau

Education

Nanyang Polytechnic

Diploma in Information Technology, CGPA: 3.91, 2020 - 2023

- Focused on full stack development, best programming, and software engineering practices
- Led a winning team for the Asia-Read Exposure program where we compete against members from ASEAN, China and India and made presentations to **Cognizant** regarding the relationship between graduates and MNCs
- [Distinction] Preprocessed and created an analytical dashboard to analyze problems and proposed new strategies regarding vehicle loans using Tableau
- Led & Developed TutorHub, a digital solution for online tuitions. Initially created with **Flask** and integrated a calendar system using **FullCalendar.io** and then we redesigned our application and port it over to **NodeJS** and using **Sequelize** for **MySQL** ORM. We also developed a business model and digital marketing strategies.
- Developed a prototype mobile gym app IOS app with **Swift**. Used storyboards to design our application's interface

Institute of Technical Education

Higher Nitec in Business Information Systems, CGPA: 3.70, 2018 - 2020

- Concentrated on virtualization, system administration and enterprise networking systems
- Awarded Best Speaker at DPP Student Conference, for presenting on the topic of Overpopulation.
- Led a project that won Gold at the International Exhibition for Young Inventors in India. We developed a proof of concept prototype and competed against students from 14 other countries to present an invention and successfully pitched it to 8 judges from the other countries.
- Proposed and configured a virtualized infrastructure for hosting a CRM software
- Built logical/conceptual virtual networks using Cisco's packet tracer

Extracurricular Activity

NYP AI

Vice President, Content and Internal Affairs, 2020-Present

- Proposed and ran multiple events and workshops [AI Summer camp, Basics of AI Workshop, Venturing into Cloud] and covered ML paradigms like supervised and unsupervised learning, its related models and real-world applications.
- Competed in many AI competitions [Collegial Artificial Intelligence Innovation, IBMxSCDF Innovation Challenge, Alibaba Cloud Global AI Innovation Challenge].

Work Experience

Micro2000

Operations Intern, Sep 2019 – Jan 2020

- Managed the warehouse operations and inventory. Once given the responsibility, I devised a more efficient workflow that utilizes excel spreadsheets to keep track of inventory and parcels.