Nuzul Firdaly

Aspiring and inquisitive software engineer

Agile, self-determined, autonomous, and energetic student, looking for an internship position to leverage and learn new experiences in building unique and emerging solutions, whilst sharing insights to solve problems that delight end-users. Eager to learn from more experienced engineers while sharing innovative ideas!

nuzul5567@gmail.com

+65 91814230

linkedin.com/in/nuzulfirdaly

github.com/NuzulFirdaly

EDUCATION

Diploma In Information Technology

Nanyang Polytechnic

📅 2020 - Ongoing

- **Vice President** of Nanyang Polytechnic's Artificial Intelligence Interest Group [NYP AI]. Initiated and managed events dedicated to teaching people the wonders of machine learning and AI

GPA
3.9 / 4.0

Higher Nitec In Business Information Systems

Institute of Technical Education

📅 2018 - 2020

- **Operations Intern** at Micro 2000, managed warehouse's logistics and supply, large-scale computer configuration across different schools

GPA
3.7 / 4.0

RECENT PROJECTS

OWLO

An events & project hub to engage and enable the elderly

- Utilized user-centric design process, created high and low fidelity prototypes
- **Led** and managed a team of 5, whilst documenting, planning, and structuring project execution

Technology: **.NET Core, EF Core, SignalR, SQL**

TutorHub 1.0 & 2.0

Online alternative solution for tuitions amidst the pandemic

- Utilized FullCalendar.IO, an open-sourced library to build a calendar system
- Updated interface to a user-friendly solution and tested it with users
- Developed a business model report and digital marketing strategy
- **Led** and managed a team of 4

Technology for TutorHub: **Flask, Jinja, FetchAPI, Shelve**
Technology for TutorHub 2.0: **NodeJS, ExpressJS, Sequelize, Handlebars**

SenticNet Intern

Nominated to work along Post-Graduates from NTU in the NLP field

- Scraped over 2 million tweets using SNSscrape
- Preprocessed, analyzed tweets, and created a topic modeling algorithm using LDA to classify tweets on different topics regarding COVID-19

Technology Used: **Gensim, pyLDAVis, Spacy, sklearn**

VOLUNTEERING

Buddy Carnival

A initiative aimed to promote interaction between public with the special needs community

- **Founded and Led** discussion and meetings whilst documenting planning and process
- **Established and communicated** with stakeholders and community partners
- **Managed** 12 members in different departments across different tertiary institutions and delegated roles and tasks
- Had over 50 attendees, all of whom reported they enjoyed the event

Pre-University Seminar

Programme that brings together students from thirty pre-university institutions who are keen to make a difference to Singapore.

- Nominated to represent Nanyang Polytechnic
- Engage in discussions and sharing sessions with leaders across different social sectors in Singapore
- Delivered a project to spread awareness on Singapore's identity as part of the group's theme

SKILLS

Programming

Python, SQL, .NET, Swift, Kotlin, JavaScript, C#, Object Oriented Programming

Machine Learning and Data

Tableau, Sci-Kit Learn, NumPy, TensorFlow(Learning), PyTorch(Learning)

Soft-Skills

Leadership, Communication, Flexibility, Confidence, Problem Solving, Self-management

INTERESTS

- 🚀 Start-Ups
- 🖥 Artificial Intelligence
- 👥 Community
- 🏢 Management
- ❓ Consulting
- 📈 Agile Development

AWARDS

NYP Scholarship

Awarded to students with good discipline, exemplary character, outstanding academic result and strong passion

Director's List

Awarded to top 15% of students in the cohort each semester.

ITE Community Scholarship

Awarded based on academic, merit, good track records in co-curricular activities, leadership qualities and special talents

Certificate of Recognition for Best Speaker at DPP Student Conference

Presented on the argument of Overpopulation to 130 students

Certificate of Appreciation for Winning GOLD at IEYI

Proposed MyBio, a proof of concept medical services ordering systems aim to increase efficiency on lab tests through the use of an application at the International Exhibition for Young Inventors 2018

> Technology is an inherent democratizer. Because of the evolution of hardware and software, you're able to scale up almost anything. It means that in our lifetime everyone may have tools of equal power
>
> -Sergey Brin