Gregory Ong | Phone Number: +65 8366 9918 | Email: GONG017@e.ntu.edu.sg | Github: https://github.com/gregoryong16 | LinkedIn: https://www.linkedin.com/in/gregory-ong-191555209/ | Portfolio website: https://gregoryong16.github.io/

EDUCATION

Nanyang Technological University, Singapore   Aug 2020 – May 2024
Bachelor of Computer Science
- Expected Honours (Distinction), Current CGPA: 4.38/5.00

ACADEMIC PROJECT

Nanyang Technological University, Singapore   Aug 2022 – Dec 2022
Natural Language Processing Project
- Built a sentiment analysis application
- Crawled and performed polarity detection on tweets from Twitter
- Worked with various models such as BERT, Multi-Layered Perception and Naive Bayes

Nanyang Technological University, Singapore   Aug 2022 – Dec 2022
Advanced Software Engineering Project
- Designed web application to combat the problem of food wastage
- Web application able to track user's inventory, recommend recipe based on current inventory
- Tracks and display statistics collected such as wastage across months

Nanyang Technological University, Singapore   Dec 2021 – Mar 2022
Multidisciplinary Project
- Configured Raspberry Pi and used it to implement Object Detection model
- Experience using PyTorch, CUDA and various object detection model like Yolov5, TFlite, etc.
- Fine tuning of models to achieve desired result (Data augmentation, Changing batch size, Reducing overfitting, etc)

WORK EXPERIENCE

AI intern
Amaris.AI   May 2022 – Aug 2022
- Developed an Automated Training module based on YOLOv5
- Designed testrig to compare performance of different models
- Developed a website which allows users to upload data and test performance of models

ACHIEVEMENTS

JP Morgan Code For Good 2022 Winner   Oct 2022
- Developed platform for beneficiaries to effectively find solutions which are catered to their needs
- Streamlined form filling process and automated form submission to various organisations
- Provided non-profit organisations with ease of connection with their beneficiaries

CO-CURRICULAR ACTIVITIES

Volunteering Club   Aug 2020 – Aug 2021
Business Manager
Halls of Residence 5
- Planned and executed Canvassing events to raise funds for the less fortunate
- Perform regular accounting of financial transactions and assets
- Approve financial transactions of the club committee

SKILLS

Languages: Proficient in English and Chinese
Digital Skills: C, Java, Python, React, ReactNative, FastAPI, Docker, Microsoft Office, Computer Vision models

HOBBIES & INTERESTS

Travelling, Volunteering, Sports (Football)