Gregory Ong | Email: gregory.ong16@gmail.com | Github: https://github.com/gregoryong16 | LinkedIn: https://www.linkedin.com/in/gregory-ong-191555209/ | Portfolio website: https://gregoryong16.github.io/ | Phone Number: +65 8366 9918

EDUCATION

Nanyang Technological University, Singapore   Aug 2020 – May 2024
Bachelor of Computer Science
- Honours (Distinction), Current CGPA: 4.41/5.00

ACADEMIC PROJECT

Nanyang Technological University, Singapore   Jan 2023 – Dec 2023
Final Year Project
- Built an optimised lightweight model that is designed for Tiger detection in the wild
- Proposed model outperforms existing state of the art lightweight models in terms of speed and precision while maintaining a lower model complexity
- Built upon ShuffleNet Architecture

WORK EXPERIENCE

Full Stack Developer Intern   Jan 2024 – May 2024
Idemia
- Built a full-stack application to collect images of finger positions for data labelling
- Contributed to data collection, improving biometric data to verify correct finger placement for machine learning
- Enhanced machine learning models for more accurate biometric verification in immigration security

Software Engineer Summer Analyst   June 2023 – Aug 2023
JP Morgan Chase & Co.
- Collaborated with cross-functional teams to implement new features
- Development of an existing software project tool to enhance its functionality and user experience for stakeholders
- Conducted test to identify and resolve software bugs and ensure that the tool is ready for production

AI intern   May 2022 – Aug 2022
Amaris.AI
- 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: Python, Java, C, React, Docker, Natural language Processing, Computer Vision, AWS, SQL, NoSQL

HOBBIES & INTERESTS

Travelling, Volunteering, Sports (Football)