NGO JUN HAO JASON

Email: njhjason@protonmail.com | Github profile: https://github.com/NgoJunHaoJason

EXPERIENCE

DBS Bank
Programme Hire, SEED (Back End Developer)   Jul 2021 – Present
- Worked on a customer relationship management (CRM) website
- Wrote clean code driven by unit test
- Technologies used: Java, Spring Boot, MariaDB / MySQL

Aural-Aid
Software Development Intern   May 2020 – Jul 2020
- Worked on a website that scrapes for companies' contact information
- Developed a prototype mobile app that controls iris doors remotely
- Technologies used: HTML, CSS (Bootstrap), JavaScript, Python, Django, Dart, Flutter

Omnivision Technologies
Computer Vision Intern   Aug 2019 – Dec 2019
- Built a website for displaying bounding boxes of object detection models
- Collected and pre-processed more than 10000 training images with the help of scripts
- Technologies used: HTML, CSS (Bootstrap), JavaScript, Python, Django

EDUCATION

Nanyang Technological University, Singapore   Aug 2017 – Jun 2021
Bachelor of Engineering in Computer Science
Honours: Distinction (GPA: 4.46 / 5.00) | Elective Focus: Artificial Intelligence | Minor: Psychology

ACADEMIC PROJECTS

Omnivision Technologies
Joint Industry Final Year Project   Aug 2020 – Jun 2021
- Fine-tuned a license plate detector to get an average precision of 96.9%, for an IOU threshold of 0.7
- Improved upon a license plate recogniser to reach an accuracy of 97.2%
- Created a lightweight and fast license plate recognition system that has an accuracy of 96.1%
- Technologies used: Python, MXNet, Tensorflow

Undergraduate Research Experience on Campus   Aug 2018 – Jul 2019
An Augmented Virtuality Approach To 3D Videoconferencing
- Learnt about narrowcasting
- Worked on a proof of concept for 3D virtual meeting apps
- Technologies used: C#, Unity

FAVOURITES

Books: Clean Code, The Software Craftsman, The Pragmatic Programmer
Practices: code review, pair programming, refactoring, test-driven development