NGO JUN HAO JASON

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EXPERIENCE

DBS Bank

Programme Hire, SEED (Back End Developer) **Jul 2021 – Present**

- Worked on a customer relationship management (CRM) website
- Wrote clean code with 100% unit test coverage
- Practised software craftsmanship
- Technologies used: Java, Kotlin, Spring Boot, MariaDB / MySQL, Karate

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, AWS (EC2, Lambda)

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, TDD