NGO JUN HAO JASON

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

## EXPERIENCE

**DBS Bank**

**Specialist, Graduate Associate – SEED (Machine Learning Engineer)** **Aug 2022 – Present**

- Learning to be a machine learning engineer

**Specialist, Graduate Associate – SEED (Back End Developer)** **Jul 2021 – Jul 2022**

- Worked on a customer relationship management (CRM) website
- Wrote clean code driven by unit tests
- Picked up front end development
- Technologies used: Java, Kotlin, TypeScript, MariaDB, Spring Boot, React, Karate, Cypress

**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, JavaScript, Python, Dart, Bootstrap, Django, 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, JavaScript, Python, Bootstrap, Django

## EDUCATION

**Nanyang Technological University, Singapore** **Aug 2017 – May 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 (TDD)