

## NGO JUN HAO JASON

Email: [njhjason@protonmail.com](mailto:njhjason@protonmail.com) | Online resume: <https://njhjason.com>

### EDUCATION

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Nanyang Technological University, Singapore

Aug 2017 – Jun 2021

Bachelor of Engineering in Computer Science

Elective Focus: Artificial Intelligence

Minor: Psychology

Honours: Distinction (GPA: 4.46 / 5.00)

### EXPERIENCE

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#### DBS Bank

Graduate Associate (Backend Developer)

Jul 2021 – Present

- Contributed clean code with 100% unit test coverage towards the development of microservices
- Technologies used: Spring Boot

#### Aural-Aid

Software Development Intern

May 2020 – Jul 2020

- Contributed to full-stack development of a website that scrapes for companies' contact information (autoscraper.com)
- Developed a prototype mobile app that controls iris doors remotely
- Technologies used: Django, Bootstrap, Scrapy, Pyppeteer, Flutter, AWS

#### Omnivision Technologies Singapore

Computer Vision Intern

Aug 2019 – Dec 2019

- Developed and deployed 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: Django, Bootstrap, D3.js, Nginx, uWSGI

### ACADEMIC PROJECTS

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#### Omnivision Technologies Singapore

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: MXNet, Tensorflow, LFFD, LPRNet

#### Undergraduate Research Experience on Campus (URECA)

Aug 2018 – Jul 2019

An Augmented Virtuality Approach To 3D Videoconferencing

- Carried out research on narrowcasting
- Contributed to the development of a proof of concept for 3D virtual meeting apps
- Technologies used: Unity, Photon Unity Networking, Photon Voice

### TECHNICAL SKILLS

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Programming languages (more proficient): Java, Python, Dart, C#,

Programming languages (less proficient): Javascript, C

Others (varying levels of proficiency): HTML, CSS (with Bootstrap), SQL, Git, Linux (Ubuntu only)