

JUSTIN TAN KOON HAN

Final Year Student

📍 Singapore, Pasir Ris

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📌 @justintankoonhan

LINKS

👤 Portfolio for demos

🗣 @justintankh

🌐 @JTKH

PROFILE

Graduating in **May 2022**.
Currently involved in Microsoft Imaginecup 2022 to **design and develop an AI food expiry aid**.
Passionate about enabling applications with machine learning.

EDUCATION

- **Bachelor of Engineering - Electrical Electronics Engineering**
Nanyang Technological University
2019 - 2022
- **Diploma in Aerospace Electronics**
Temasek Polytechnic
2014 - 2017

SKILLS

- Node
- React
- Django
- Python
- C++
- MongoDB

EXPERIENCE

- **DBS Techtrek (Hackathon)**
Sep 2021 (1 Day)
Worked in a group of 5 to build an E-Commerce website. Led the backend development by implementing authentication and RESTful API.
- **Microsoft Imagine Cup 2022 (FYP)**
From Aug 2021 (Ongoing) | Nanyang Technological University
- Full Stack Development (React-Native + Django).
Innovated and developed a food expiry date aid by leveraging on NLTK for an AI Recipe recommender and OCR for expiry date detection.
- **Co-Founder of Telebus (Student Initiative)**
From July 2021 (Ongoing) | @theTelebusBot.
- Full Stack Development (NodeJs) Designed the workflow, developed the frontend, and implemented a Google Sheets backend to be used as workable data for operations.
- **Software Engineer (Internship)**
From Jan 2021 (6 mths) | Home Team Science and Technology Agency
Handled development, integration and testing of two machine learning projects: *Gait Recognition in Python* and *Camera Tracking System in C++*.
- **Front and Backend, and Treasurer (Academic Project)**
From Jul 2020 (5 mths) | Nanyang Technological University
Web development and flask integration of Crowd Counting application '*Monitoring the Crowd by Deep Learning Enabled Visual Analytics*'.

CERTIFICATES

- Commanding Officer Coin (National Service)**
Impressed superiors by displaying Professionalism and Diligence as a Section Commander in managing my Team.
- Certificate in Business Fundamentals (Temasek Polytechnic)**
Obtained knowledge about Business management, Economics, Marketing, Basic Financial Accounting.

REFERENCES

Deputy Director | HTX

Mr. TAN Kheng Hwee

Contact: Upon request

Infantry Leader | SAF

Mr. Daniel YEO Kai

Contact: Upon request

LANGUAGES

- English
- Mandarin