Tan Szu Jean

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○ github.com/TSJean45 ↖ szujeantan.codes

Final-year and final-semester student, seeking a **data analytics, machine learning** or **web development** internship from **22 July to 13 Oct 2024**. Flexible regarding duration and additional opportunities.

EDUCATION

Bachelor of Computer Science (Hons.) Artificial Intelligence,   10/2022 – present
Multimedia University Melaka
- Current CGPA: 3.96

EXPERIENCE

Software Developer Intern (Web), *Snappymob* 🔗   05/2022 – 08/2022
- Collaborated with UI/UX designers and front-end developers to **refine user experience** on the official website
- Developed **dynamic web components** and integrated new features enhancing Snappymob's online presence
- Produced **interactive case studies** for client projects, highlighting Snappymob's service impact

SKILL

Programming Language
HTML, CSS, JavaScript, PHP, Java, C, C++, SQL, Python

Microsoft Office
Word, Excel, PowerPoint

Deep Learning Frameworks
TensorFlow, PyTorch

Data Analysis and Visualization
Pandas, NumPy, Matplotlib, Seaborn

AI Technology
Image Recognition, Video Classification, AI Image Generation, Synthetic Data, ASL Recognition

Framework, Tool & Platform
Bootstrap, Tailwind CSS, Material Tailwind, Git/Github, MySQL, Vue.js, React, Django, Node.js, Flask, React Native

Language
Chinese, English, Malay

PROJECT

TrashArtify, *Competition Project for Hack@10 2023*   12/2023 – 12/2023
- Pioneered an AI art project idea by transforming waste into creative craft designs using **Hugging Face's model**
- Utilized real-time waste sorting with **YOLO model integration**, streamlining classification via a web interface built on **React and Flask**

Inbound Operation in Automated Warehouse,   11/2023 – present
Research Based Final Year Project in Python
- Generated **synthetic data** specifically tailored for research purposes in an automated warehouse environment
- Experimented with various **storage allocation strategies** for efficient operations that address occupancy levels
- Researched off-peak **storage rearrangement** for streamlined day-to-day operations

ACHIEVEMENTS AND AWARDS

Hack@10 2023, *Finalist (Top 10)*   12/2023

CodeNection 2024, *Best Female Team (Close Category)*   12/2023

DevHack 2023, *Finalist (Top 10)*   11/2023

iNVENTX Multimedia University 2023, *Gold Award*   10/2023

UMDAC Datathon 2023, *Finalist (Top 10)*   08/2023

Programming League National 2023, *Finalist*   05/2023

Varsity Hackathon, *Consolation Prize (Top 10)*   03/2023

Best Diploma Student Award In Information Technology   11/2022