

PANG KHONG JUN

Data Science Intern | Fresh Graduate

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PROFESSIONAL SUMMARY

Fresh graduate in Information Technology (data science) with a strong foundation in software development, cloud computing, and AI-driven solutions. Data Science Intern at Intel, working on ticket management using LLM. Passionate about full-stack development, AI applications, and optimizing models for real-world implementation. Experienced in JavaScript, Java, Python, React, and so on.

EXPERIENCE

Data Science Intern - Manufacturing

Intel (KM6)

10/2024 - 04/2025 Kulim, Kedah

- Developed AI-driven ticket management solutions using **Azure OpenAI and Retrieval-Augmented Generation (RAG)** framework.
- Implemented **embedding model**, and saved it with **PG Vector** database for similarity search and classification.
- Utilized **CNVRG** for model orchestration and deployment pipelines.
- Followed **Scrum methodology** for project management and collaborated in Agile development cycles.
- Collaborated with machine learning engineers to integrate AI solutions into production environments, and improving automation.
- Improved accuracy from **80% to 90%** for retrieval repeat ticket from database and reduce manual intervention.

PROJECTS

Real-Time WIP Dashboard (Internship)

Developed a real-time **Work in Progress (WIP) tracking dashboard** for Intel's Technology Development operations. Implemented data visualization and analytics features using **HTML, CSS, and JavaScript**. Created a responsive web interface with **Bootstrap and modern UI components**.

Real-Time Speech Emotion Recognition (FYP)

- Built and trained CNN models using **TensorFlow and Keras** for emotion classification.
- Developed a mobile application capable of recognizing emotions from speech using deep learning.
- Integrated AI models into a **Flutter-based mobile app using Flask**.
- Achieved **91% accuracy** in speech emotion recognition and successfully deployed the app on Android devices.

EDUCATION

Bachelor of Science (Honors) In Information Technology (Majoring Data Science)

University Utara Malaysia, Kedah

2021 - 2025

CGPA

3.8 / 4.0

TECH STACK

React Java C++ HTML/CSS

JavaScript SQL Flutter

Python Scikit-learn TensorFlow

LLM Flask PyTorch Tableau

Docker Google Cloud Firebase

Azure Visual Basic Node.js

ACHIEVEMENTS & AWARDS

Dean's List (6 Semesters, 2021 - Present)

Presenter at Cybersecurity Awareness Event Booth (2024)

Represented University Utara Malaysia for presenting a Final Year Project on speech emotion recognition at a public exhibition booth.

LANGUAGES

English
Advanced

Malay
Advanced

Chinese
Native

REFERENCES

Dr. Mohamad Sabri bin Sinal @ Zainal

Senior Lecturer, School of Computing & Deputy Director of UUM Research Management Center
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Goh Thuan Lin

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Relationship: Supervisor during Internship