TENGKU AHMAD NAIM NURUDDIN

Computer Science (AI) Undergraduate
University of Malaya

An imaginative Artificial Intelligence major based in Kuala Lumpur, Malaysia with a passion in leveraging data and AI to solve problems. Interested in Data Science and Machine Learning Operations (MLOps) roles.

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EDUCATION

Bachelor of Computer Science (Artificial Intelligence)
University of Malaya
September 2019 - Current
Expected Graduation: February 2023
• Current CGPA : 3.98

Cambridge A Level
Methodist College Kuala Lumpur
2018 - 2019
• Subjects : Physics, Biology, Mathematics, Economics

EXPERIENCE

Analytics and AI Intern (MLOps Team)
Maxis
July 2021 – January 2022
• Developed a **resume rank and search application** using **Elasticsearch**, **Streamlit** and **Google Cloud Platform services** that enabled **recruiters** to **upload candidate resumes** and **search for top candidates** using desired keywords.
• Developed **deep learning models** using **PyTorch** for **image quality classification** and experimented with **facial recognition algorithms** for a **fraud detection** use case on **identification card images**.
• Developed an **automated central monitoring system** using **Cloud Functions** and **BigQuery** and a **dashboard** using **Data Studio** to monitor **pipeline** and **model health** of all the department's projects.

PROJECTS

Fitnity
• An **analytics-driven full stack web application** that enables users to **discover sports activities** and **locations** and **encourages an active lifestyle** together as a community.
• Applied **sentiment analysis** and **keyword extraction** methods on **scraped Google reviews** to **encourage better decision making** when **searching** for **sports locations**.
• Built in **48 hours** for **Garuda Hacks** using **React**, **Flask**, **Firebase**, **Heroku**, **spaCy** and **yake**.

Healthcare Review Management Chatbot
• A web-based **chatbot** that **eases** the process of **collecting and managing healthcare reviews from patients** using **text classification** and **sentiment analysis** approaches.
• Included a **dashboard** that **visualised** the **analysed data** for the **healthcare personnel**.
• Built using **Streamlit**, **Firebase**, **spaCy**, **seaborn** and **Matplotlib**.

SKILLS

Programming Languages
Python, Java, JavaScript, SQL, HTML, CSS

Machine Learning/AI
Scikit-learn, Tensorflow, PyTorch, PyCaret, OpenCV

Data Science
Pandas, NumPy, Matplotlib, Seaborn, tsfresh

Web Development
Flask, Streamlit, React, Gatsby

Other Tools
Git, Google Cloud Platform, Firebase, Airflow, Terraform, Docker, Selenium

ACHIEVEMENTS

Dean's Award
Achieved in 6 semesters to date (Semesters 1-6)

Honourable Mention at Garuda Hacks 3.0 2022
Acknowledged as an **honourable mention** out of over a **hundred submitted projects** at **Garuda Hacks**, Indonesia's premier **global hackathon**.

STCAI 2022 Finalist
Presented a paper titled **"Estimating Neonates' Heart Rate from Respiratory Sounds using AutoML"** at the **International Student Conference of Artificial Intelligence** held by **Nanyang Technological University**, Singapore.

CERTIFICATES

Machine Learning
Coursera
Credential ID: ZBWYCYGKCLMR