Karim Abdul Aziz Chatab

karimazizc@gmail.com | Union Suites Residence, Bandar Sunway, 47500, Subang Jaya, Malaysia | +60105644508
LinkedIn: https://www.linkedin.com/in/karim-abdul-aziz-chatab-4a0494216/
Portfolio: https://karimazizc.github.io/Portfolio/
Citizenship: Indonesian

WORK EXPERIENCE

GEOMOTION — Kuala Lumpur, Malaysia
Data Engineer — March 2025 – May 2025
- Developed and maintained backend data pipelines using **Python**, **Django**, **Redis**, **Celery**, **AWS**, and **AWS CDK** for infrastructure management.
- Automated data transfer and processing tasks via **FTP servers** and scheduled job queues using **Celery**, improving data delivery reliability.
- Created comprehensive system documentation for key Python scripts and backend workflows, ensuring clear references for future development and debugging.
- Visualized database structures using **DBDiagram** and explained full backend data flow and codebase logic through **Miro** diagrams, enabling the team to understand system architecture, data relationships, and operational logic effectively.

ENZEE — Kuala Lumpur, Malaysia
Data scientist and analyst — January 2024 – April 2024
- Utilizes **Python's web scraping** library such as **selenium**, **beautifulsoup**, **requests**, and **chromedriver** to scrape news websites information and social media metrics across facebook, youtube, instagram, twitter and xiao hong shu.
- Create **Tableau** and **R** for **data visualization** and **interactive dashboards** for clients.
- Calculate the sentiment score of text data across client's customers interaction and news articles regarding the brand.
- **Lead the intern in programming** and **data storytelling** in **python** and teaches other colleague in the intelligence department to utilize web scraping code.

MONASH UNIVERSITY — Melbourne, Australia
Monash Warwick Alliance Internship — June 2023 – July 2023
- Contributed to brainstorming sessions, leveraging diverse perspectives via Microsoft Teams to devise innovative strategies for addressing company challenges.
- Played a key role in refining and implementing solutions, harnessing the collective global knowledge of the team via Microsoft Teams for effective problem-solving within the international work environment.

METROPOLIS RESEARCH — Melbourne, Australia
Survey Data Collector — March 2023 – June 2023
- Conducted comprehensive door-to-door surveys across suburban areas to gather crucial insights.
- Conducted over **500 telephone surveys** within the greater Melbourne area, utilizing persuasive language to achieve a **71.3%** response rate.
- Streamlined data entry process from the responses using excel and google spreadsheets.

OESON — Melbourne, Australia
Data Scientist — January 2023 – March 2023
- Developed a deep learning model utilizing TensorFlow to improve multiclass image classification accuracy by 20% compared to previous models.
- Led the implementation of an AWS-based cloud infrastructure for deploying machine learning models.
- Uses Google Collab to walkthrough findings, utilizing Python, R, and SQL for queries.

GAOTEK — (Remote) Melbourne, Australia
Business Development — May 2023 – June 2023
- Submit proposals to clients and execute the given task accordingly to client's request.
- Scouting for potential clients through linkedin utilizing Apollo. Then contact them through email.
- Pitch to clients and promote out products and services, returning a 3% success rate from 567 contacts.

EDUCATION

MONASH UNIVERSITY — Malaysia / Australia
Major in Business Analytics and Finance — Cumulative **GPA: 3.62/4**

WARWICK UNIVERSITY — United Kingdom
Exchange Program — (One Semester)
Modules taken: Lean Startup, International Financial Management, Entrepreneurial Finance Ventures.