

Karim Abdul Aziz Chatab

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Portfolio: <https://karimazizc.github.io/Portfolio/>

Citizenship: Indonesian

EDUCATION

MONASH UNIVERSITY

Major in Business Analytics and Finance,

Fresh Graduate | Cumulative GPA: 3.62/4

Malaysia / Australia

July 2021 – October 2024

WARWICK UNIVERSITY

Exchange Program

Modules taken: Lean Startup, International Financial Management, Entrepreneurial Finance Ventures.

United Kingdom

September 2023 – December 2023

WORK EXPERIENCE

GEOMOTION

Data Engineer

Kuala Lumpur, Malaysia

February 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

Data science intern

Kuala Lumpur, Malaysia

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.
- Uses 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 coding in python and teaches other colleague in the intelligence department to utilize web scraping code.

Warwick University and Monash University

Monash Warwick Alliance Internship

Melbourne, Australia

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

Survey Data Collector

Melbourne, Australia

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

Data Science Training and Internship

Melbourne, Australia

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, Python, R, SQL.

GAOTEK

Business Development Internship

Malaysia

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.