

Karim Abdul Aziz Chatab

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Portfolio: <https://karimazizc.github.io/Portfolio/> (open to see projects)

WORK EXPERIENCE

GEOMOTION

Data Engineer - Full-Time

Kuala Lumpur, Malaysia

March 2025 – Present

- Developed and maintained current 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.

WHISTLE

Founder & Full-Stack Engineer - Full-Time

Kuala Lumpur, Malaysia

June 2024– February 2025

- Co-founded and led the technical strategy for Whistle, generating RM7,600 in 3 months across 7 projects in ads management, web development, social media, and analytics.
- Built and deployed a Django-based SaaS media monitoring platform using Python, BeautifulSoup, Playwright, Selenium, Redis, Celery, and open-source LLMs (Ollama, DeepSeek), processing 15,000+ posts monthly.
- Developed and maintained 5 custom CMS projects using Django, Wagtail, cPanel with LiteSpeed Web Server on Ubuntu servers, improving client website management efficiency by 40% and managing 3 production servers handling up to 200 background tasks daily. Built frontend interfaces using React, Next.js, TypeScript, and Tailwind CSS.

ENZEE

Data scientist and analyst - Internship

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.
- 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

Teamwork Virtual Internship Program - 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 – Part-time

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.

GAOTEK

Business Development - Internship

Melbourne, Australia

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.

OESON

Data Scientist - 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 to walkthrough findings, utilizing Python, R, and SQL for queries.

EDUCATION

MONASH UNIVERSITY

Major in Business Analytics | Department of Econometrics and Business Statistics

Cumulative **GPA: 3.62/4** | **WAM: 76** | **Distinction Student**

Malaysia / Australia

Graduated: May 2025

WARWICK UNIVERSITY

Exchange Program (One Semester)

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

United Kingdom

Sept 2023 – December 2023