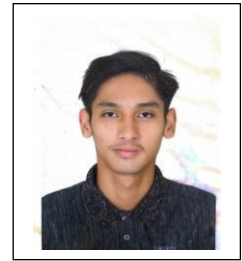


Muhammad Alif Iqmal Bin Mahadzir

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ABOUT ME

Enthusiastic Computer Science graduate with a specialization in Big Data, eager to apply analytical skills and technical expertise to solve complex problems. Passionate about leveraging data-driven insights to contribute to organizational success in an entry-level Data Analyst or Data Scientist role. Known for adaptability, a growth mindset, and a commitment to delivering impactful solutions.

EXPERIENCE

KHAZANAH NASIONAL BERHAD

Customer Experience (CX)

August 2024 – December 2024

- Selected for a placement at Bank Islam Berhad under K-Youth Development Programme, organized and funded by Khazanah Nasional Berhad, gaining hands-on experience in the banking sector.
- Analyzed customer insights from surveys and reviews to support the Command Centre in piloting a mobile banking app that improved accessibility and user experience.
- Research on overseas fund transfer (FOTT) functionality for Internet/Mobile Banking, evaluating competitor solutions, process workflows, and UI/UX design to guide front-end and back-end system development.
- Reviewed and translated user guides and FAQ documents to ensure accuracy, clarity, and accessibility for customers.
- Collaborated with cross-functional teams to align CX improvements with regulatory standards, ensuring compliance while optimizing the customer

CPRO SOLUTIONS SDN. BHD.

Internship

September 2023 – December 2023

- Developed a robust web API for a payment gateway system using Django Rest Framework.
- Demonstrated proficiency in RESTful API design, handling authentication, and integrating payment functionalities.
- Designed and implemented frontend pages for the XOX web e-wallet system, focusing on delivering an intuitive and user-friendly interface.
- Engaged in regular code reviews and collaborative problem-solving sessions to enhance code quality and team efficiency.

PANASONIC AVC NETWORKS JOHOR MALAYSIA SDN. BHD. (PANASONIC)

Data Entry Operator

August 2022 – October 2022

- Implemented quality assurance measures to identify and correct discrepancies in data, ensuring the accuracy and reliability of information.
- Maintained accurate and organized documentation of data entry processes, creating a reference for future tasks and ensuring transparency in workflow.
- Maintained a high level of attention to detail while transcribing and verifying data, minimizing errors and ensuring data integrity.

CORE COMPETENCES

Core Tools & Platforms

- | | |
|----------------|-------------------|
| • Power BI | • Ms Excel |
| • SQL | • Python |
| • Django | • Django Rest API |
| • Java | • Javascript |
| • HTML/CSS | • RapidMiner |
| • RStudio | • Tableau |
| • Apache Spark | • Hadoop |

Technical Proficiencies

- Statistics
- Data Analytics
- Statistical Analysis
- Web Development
- Test Cases
- Data Mining
- Data Scraping
- SQL queries
- Data Visualization
- Scripting
- AI
- Machine Learning

Language

- Malay (Native language)
- English (Full Professional Proficiency)

EDUCATION AND CERTIFICATE

Universiti Teknologi MARA

Bachelor's Degree of Computer Science (HONS.) (Big Data track)

Shah Alam, Selangor

October 2020 – December 2023

Universiti Teknologi MARA

Foundation in Engineering

CGPA:3.56

Dengkil, Selangor

June 2019 – March 2020

SM Sains Muar

SPM:7A, 2B

Muar, Johor

2017-2018

UMHackaton 2021

Universiti Malaya

April 2021 – July 2021

COURSERA

IBM Data Science Professional Certificate

October 2023 – November 2023

IBM Applied AI Professional Certificate

Python for Data Science, AI & Development

October 2023 – November 2023

PROJECT AND ACHIEVEMENT

Project

VECTOR-BORNE DISEASE PREDICTION USING NAÏVE BAYES ALGORITHM

- Designed and developed a vector-borne disease prediction web application for Final Year Project, implementing machine learning algorithms (Naive Bayes algorithm) to accurately predict disease based on symptoms
- Comparing the accuracy of prediction from various supervised machine learning algorithm (Decision Trees, Logistic Regression, Naïve Bayes).
- Deploy the model to Django framework as a web application.
- Adding a consultation features (chat box, appointment booking) for patients to receive assistance from doctors.

SENTIMENT ANALYSIS ON "THREADS" BY META APPLICATION IN REDDIT USING NATURAL LANGUAGE PROCESSING (NLP)

- Data systematically scraped from relevant subreddit and posts (r/MetaThreads), ensuring a rich dataset for the subsequent analysis
- The core of the analysis revolves around applying machine learning algorithms, including Support Vector Machines (SVM), k-Nearest Neighbors (k-NN), and Deep Learning models, for sentiment classification using RapidMiner software.

USED CAR PRICE ANALYSIS AND VISUALIZATION

- Using Microsoft Excel and WEKA, ensuring data accuracy and consistency by handling inconsistencies, missing values, and standardizing formats.
- Developed using a substantial dataset comprising approximately 400,000 entries, collected from Kaggle.
- Microsoft Power BI was harnessed to create compelling data visualizations that unveil invaluable insights, trends, and correlations related to used car prices.

FACIAL RECOGNITION (CELEBRITY RECOGNITION)

- This project harnessed the power of Tensorflow and Keras. By training a deep learning model on a dataset of 5 celebrity images, an accurate and efficient solution for recognizing five popular celebrities was created.
- The application quickly predicts and identifies the celebrity present, making it a valuable tool for both fun applications and more serious use cases.

Achievement

- Listed for Dean's Award for First semester.
- Selected students for Big Data track in 3rd year.

VOLUNTEERING

FACILITATOR, SULAM UiTM

- Served as a facilitator for primary school students
- Providing guidance and mentorship on academic futures,
- Showcasing leadership abilities and commitment to fostering educational growth.

Key Qualifications

- Highly approachable and adept at problem-solving
- Technologically savvy with experience across various social media platforms, office software, and advanced computer skills.
- Demonstrated excellent skills in managing time effectively and handling multiple tasks simultaneously while balancing full-time employment and academic commitments.

Value Mindset

- Prepared to uncovering patterns in data, and understanding the real-world impact of insights, ensuring that every analysis contributes meaningfully to informed decision-making and adds tangible value to the organization

REFERENCE

Reference: En. Shahrulazim | CPro Solutions | +603-6211 8311

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