Muhammad Alif Iqmal Bin Mahadzir

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ABOUT ME

Motivated Computer Science graduate with a specialization in Big Data, eager to leverage my skillset to contribute to a dynamic company's mission in an entry-level Data Scientist role.

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

EDUCATION AND CERTIFICATE

Universiti Teknologi MARA — **Shah Alam, Selangor**
Bachelor's Degree of Computer Science (HONS.) (Big Data track) — *October 2020 - Present*

Universiti Teknologi MARA — **Dengkil, Selangor**
Foundation in Engineering — *June 2019 – March 2020*
CGPA:3.56

SM Sains Muar — **Muar, Johor**
SPM:7A, 2B — *2017-2018*

UMHackaton 2021 — *April 2021 – July 2021*

Universiti Malaya

COURSERA — *October 2023 - Present*
IBM Data Science Professional Certificate

IBM Applied AI Professional Certificate — *October 2023 - Present*

Python for Data Science, AI & Development

EXPERIENCE

CPRO SOLUTIONS SDN. BHD. — **Kuala Lumpur**
Internship — *September 2023 – Present*

- 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) **Pasir Gudang**
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.

B.M. NAGANO INDUSTRIES SDN. BHD **Pasir Gudang**
Material Handler *February 2019 – April 2019*

- Managed and organized inventory of materials, ensuring accurate tracking and availability of stock for the department.
- Maintained detailed and accurate records of incoming and outgoing materials, supporting transparency and accountability in the supply chain.
- Adapted to fluctuations in material demand, demonstrating flexibility in handling different types of materials and adjusting to changing priorities

CORE COMPETENCES

Technical Skills: SQL | Python | Django | Django Rest API | Java | HTML/CSS | C/C++ | JavaScript | Rstudio | Power BI | Microsoft Word | Microsoft Excel | RapidMiner
Language: Malay (Native language) | English (Full Professional Proficiency)

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 provide assistant 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..

REFERENCE

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