MUHAMMAD AMIR HAMZAH

Aspiring Data Analyst

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ABOUT ME

A student specializing in **Business Intelligence and Analytics**, possessing experience in analytical and technical skills within the Information Technology field, seeks an **internship** placement in **data analytics** or **information technology** to enhance future growth in the IT domain.

EDUCATION

Bachelor in Information Technology
International Islamic University Malaysia
2020 - 2024 (expected)

CGPA: 3.70

Foundation in Information Technology
International Islamic University Malaysia
2019 - 2020

CGPA: 3.33

Sijil Pelajaran Malaysia (SPM)
Maktab Rendah Sains Mara
2014 - 2018

SPM: 5As

Analytical Skills

- Microsoft Excel
- Tableau
- SQL
- Data Visualizations
- Data Cleaning
- Statistics and Analytics

Other Skills & IT Languages

- Flutter & Firebase
- Web Development
- Data Warehousing
- Adobe Photoshop
- R & Python
- Project Management

Languages

- English
- Bahasa Malaysia
- Arabic

PROJECTS

SwitchAR: AR Virtual Switch Control For IoT-based Smart Home Automation 2023

- A partnered Final Year Project that aims to help the elderly to become more independent when interacting with home appliances.
- Proposed solution by developing a mobile application using Flutter and Unity application that implements the concepts of Internet of Things (IoT) and Augmented Reality (AR).

Tools used:

Blynk   Arduino IDE   Vuforia   Unity

Crime Dataset Analysis 2023

- Coordinated a group of four people to investigate the crime rate in Malaysia from the year 2015 until 2020.
- Provided insights on the trends of crime rate through visualizations and interactive dashboards.
- Eased the audience to understand the trends of crime rates in Malaysia with the use of data visualizations.

Tools used:

Tableau   Microsoft Excel

Covid-19 Data Cleaning 2023

- Self-learned project data cleaning basics using SQL Server through a YouTube course.
- Utilized data sourced from https://ourworldindata.org/covid-deaths to clean and transform raw data into a structured format suitable for visualization purposes.

Tools used:

Standard Query Language   SQL Server Management Studio

WORKING EXPERIENCE

Housekeeping Department - Part Time   August 2022 - October 2022

Bayou Lagoon Park Resort

- Managed inventory and calculated essential supplies, such as linens and bedsheet to ensure operational efficiency.
- Provided engaging guest entertainment for a two month period, enhancing visitors experiences through personalized and lively interactions.

LEADERSHIP

KPMG Student Ambassadors 2023   January 2023 - December 2023

- Strategized engaging physical and virtual events to facilitate connections between IIUM students and KPMG mentors.
- Executed workshops aimed at enhancing students' job market competitiveness.
- Achievement: managed to gather 30 to 40 students to a physical event in IIUM.

ICT Student Society Committee 2022   September 2022 - January 2023

- Volunteered to be part of committee member of ICT Student Society 2022/2023, contributing to various student activities.
- Managed the arrangement of the venue and equipment for upcoming events, ensuring a seamless and successful execution.

AWARDS AND CERTIFICATES

Malaysia Data Innovation Talent 2023

- Participant - won top 50 among 120 groups in national level.
- Analyzed datasets from openDOSM related to housing affordability across income groups and provide solutions through dashboards and analytics.

Final Year Project - 1st Place in System Development Category

- Awarded 1st place in the System Development category for the Final Year Project from department of KICT.

Dean's List Award

- Semester 1 and 2, 2020/2021
- Semester 1 and 2, 2022/2023
- Semester 1 and 2, 2023/2024

Program Pemantapan Bahasa, Sesi 2022/2023

- Competed in a university-level challenge, presenting innovative traffic improvement solutions for the IIUM.
- Secured a fifth-place ranking out of nine participants.

Kaggle
- Intro to Programming in Python

REFERENCES

Dr. Zainatul Shima Abdullah

IAP Coordinator IIUM
Department of Information System,
Kulliyyah of Information & Communication Technology,
International Islamic University Malaysia,
shima@iium.edu.my

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