



## MUHAMMAD AMIR HAMZAH BIN ABD AZIZ

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### PROFESSIONAL SUMMARY

Aspiring data analyst pursuing a Bachelor of Information Technology with demonstrated proficiency in **analytical skills** and **dashboard creation** using Tableau. Achieved **Dean List** award from Kulliyyah for all seven semesters during study. Seeking to secure an **internship** in the data analytics field to contribute skills and knowledge while furthering development within this industry.

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### PROJECTS

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

*Related Skills: Arduino, Unity, Blynk, Vuforia*

- Developed a mobile base application that implements the concept of IoT and Augmented Reality to control home appliances.
- Achievement: won 1st place in the System Development category for the Final Year Project, awarded by the Department of KICT.

#### Covid-19 Data Cleaning

*Related Skills: SQL, Microsoft Excel, SQL Server Management Studio*

- 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.

#### Crime Dataset Analysis 2023

*Related Skills: Tableau Software, Microsoft Excel*

- Lead a team of 4 people to create a storyboard using tableau to analyze the crimes in Malaysia from 2015 until 2020.
- Experienced in building dashboards and storyboards as part of group projects.
- Datasets analyzed were obtained from Malaysian Open Data Portal at <https://data.gov.my>.
- Achievement: created an interactive and working storyboard.

#### IIUM E-summons 2021

*Related Skills: PhpMyAdmin, PHP, SQL, HTML, CSS, Database Programming*

- Contributed to a team project developing a system to streamline student summons management for officers.
- The system only consists of a simple Retrieve and Delete process for users to pay their summons.

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### EDUCATION

#### International Islamic University Malaysia (2020 - 2024)

*Bachelor of Information Technology Specialized in Business Intelligence and Analytics - CGPA: 3.70 (current)*

## ANALYTICAL SKILLS

- Microsoft Office
- Tableau Dashboard
- SQL and PHP
- Data Visualisation
- Data Cleaning
- Statistics and Analytics

## OTHER SKILLS & IT LANGUAGE

- Flutter & Firebase
- Web Development
- Data warehousing
- Adobe Photoshop
- SAS Visual Analytics
- HTML, CSS and Javascript

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## ACTIVITIES AND LEADERSHIP

### KPMG Student Ambassador 2023

#### *Event and Attractions*

- Managed 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.

### Malaysia Data Innovation Talent 2023

#### *Participant*

- Participated in a national datathon conducted by Universiti Teknologi MARA, openDOSM and SAS.
- Lead a team of 4 people to discuss the current issue related to housing affordability across income groups of Malaysia and propose solution using data analytics and interactive dashboards.
- Achievement: Listed in top 50 among 120 groups in Malaysia

### ICTSS Committee Member 2022

#### *Preparation Technicals*

- 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.

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## REFERENCE

### **Dr. Zainatul Shima Abdullah**

IAP Coordinator IIUM  
Department of Information System,  
Kulliyah of Information & Communication  
Technology,  
International Islamic University Malaysia,  
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### **Dr. Madihah Bt. S. Abd. Aziz**

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