MUHAMAD AIDIT HAIKAL BIN ZAINUDDIN

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SUMMARY

Detail-oriented Bachelor of Graphics & Multimedia Technology (Hons) in Computer Science student seeking a 6-month Machine Learning internship position (March 2025 - August 2025). Combines strong problem-solving skills with technical expertise in machine learning to design intelligent and data-driven solutions. Offers a unique perspective through the integration of visual communication and machine learning knowledge.

EDUCATION

Universiti Malaysia Pahang AL-Sultan Abdullah ,Pahang   **2021 - Present**
Bachelor of Computer Science (Multimedia Software) with Honours
- CGPA : 3.00
- **Relevant Coursework** : Computer Graphics, Games Development ,Virtual Reality , 3D Modelling and Animation, Web Engineering, Artificial Intelligence, SAP Fiori, Cloud Computer, Data Analytics
- Final Year Project : VegeScale with AI (Machine Learning)

Kolej Matrikulasi Negeri Sembilan, Negeri Sembilan   **2020-2021**
- Computer Science
- CGPA 2.9
- **Relevant Coursework** : Completed the Malaysian Matriculation Program with a strong foundation in analytical, research, and problem-solving skills through subjects like Mathematics, Chemistry, Physics, and Computer Science. Gained the ability to interpret complex information and apply scientific principles to solve technical challenges effectively.

SKILSS

Programming Skills : C++, Java, Python, HTML, CSS, PHP, Unity, Unreal Engine scripting

Machine Learning Frameworks & Libraries : Experience with TensorFlow, PyTorch for building models. Knowledge of OpenCV for computer vision tasks.

Object Oriented Programming: C#, Java

Database : MySQL, Firebase, Python

Version Control : Git

ERP Systems : SAP S/4HANA, SAP Fiori

Language : Malay (Native) and English (Fluent)

ACADEMIC PROJECT

Final Year Project (FYP)
UMPSA: VegeScale with AI
- Designed an AI-driven vegetable scale with a camera to identify vegetable types, measure weight, and print labels automatically, eliminating the need for manual input. Utilized computer vision for object recognition and integrated hardware for efficient retail operations.
- Hardware : Digital Scale, High Resolution Camera
- Software : Linux OS, OpenCV, Pythorch, TensorFlow, MySQL

3D Modelling Animation
Exam day in Kindergarden
- Created a 3D animated project using Autodesk Maya, showcasing storytelling and animation skills through diverse scenarios centered on a kindergarten exam day
- Technologies : Autodesk Maya, Animation Software, Rendering Tools

Web Engineering
Knowledge Sharing System (FK-EduSearch)
- Developed FK-EduSearch, a web-based knowledge-sharing system for UMP's Faculty of Computing, enhancing collaboration between students and staff through streamlined research and course-related support
- Technologies : HTML,CSS,PHP(Laravel), JavaScript (Node.js),GitHub MySQL

Mobile Application Development
The Party: Anytime, Anywhere
- Developed 'The Party: Anytime, Anywhere,' a mobile application revolutionizing event planning through real-time customization, geolocation features, and a user-friendly interface, promoting seamless and spontaneous social gatherings.
- Technologies : Flutter ,HTML ,Javascript , Firebase ,Kotlin (Android)

Database System
Flood Alert System
- Designed and implementating a database for storing flood data using DBMS
- Technologies : SQL, database using ER/EER

EXTRA-CURRICULAR

Certificate of Competency in AI Development with Jetson Nano
Earned a Certificate of Competency from NVIDIA for successfully completing the "Getting Started with AI on Jetson Nano" Workshop, demonstrating proficiency in AI implementation and development using the Jetson Nano platform.

Certificate of Competency in Building Video AI Applications with Jetson Nano
Awarded a Certificate of Competency from NVIDIA for completing the "Building Video AI Applications at the Edge on Jetson Nano" Workshop, showcasing expertise in deploying edge AI solutions and video-based AI applications using the Jetson Nano platform.

REFERENCES

TS. DR. SYAFIQ FAUZI BIN KAMARULZAMAN
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