AMIR AFZAL BIN CHE RASHID

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Professional Summary

Final-year Computer Engineering student at UTeM, **graduating in June 2025** with a **CGPA of 3.67**. Interested in **AI**, **machine learning**, and **computer vision**, with hands-on experience from academic projects and internships. Looking for an opportunity to apply and grow my skills in a **full-time role starting July 2025**.

Education

Bachelor of Computer Engineering with Honours   **March 2022 – June 2025**
University Technical Malaysia Melaka (UTeM)

- Current CGPA: 3.67/4.00
- Relevant Course Work: Big Data Analytics, Embedded Wireless & Wireline Systems, Data Structures, Digital IC Design, Analog Electronics, Embedded Systems, Operating Systems, Computer Architecture, Computer Networks, Cloud Computing, Information Security, Artificial Intelligence (AI), Machine Learning, Digital Image Processing

Diploma in Electronic Engineering.   **May 2019 – January 2022**
University Technical Malaysia Melaka (UTeM)

- CGPA: 3.38/4.00
- Relevant Course Work: Analog and Digital Electronics, Circuit Theory, Electrical Circuit, Communication Principle, Control Principle, Microcontrollers, FPGA.

Achievements

- Consistently awarded Dean's List every semester throughout the degree program.   **2022 – Present**
- Awarded 1st place in Integrated Design Project (IDP) with *CircuitAR*.   **March 2024 - July 2024**

Academic Projects

Final Year Project Participant (Diploma)   **April 2021 - July 2021**
Smart Glass (Final Year Project), UTeM

- Developed a smart glasses prototype to assist electricians in reading multimeter/voltmeter measurements hands-free.
- Integrated real-time data from a multimeter using Bluetooth connection.

Third Year Degree Project   **March 2024 – July 2024**
CircuitAR (Integrated Design Project), UTeM

- Secured 1st place among 35 groups at UTeM's INOTEK Competition.
- Developed an innovative AR-based system for real-time visualization of electronic circuits.
- Designed a custom circuit board for seamless integration with AR devices, enabling overlay of virtual schematics on physical components.

Final Year Project Participant (Degree)   **October 2024 – June 2025**
AI-Driven Computer Vision for Monitoring Wound Healing in Diabetic Mice Bridging Insights to Human Healthcare Applications (Projek Sarjana Muda)

- • Developed a computer vision algorithm for detecting and classifying diabetic mice's wound healing stage using YOLOV8 and CNN model.
- • Designed a user interface for a wound healing monitoring system.
- • Evaluation of the classification accuracy and effectiveness performance compared to the existing research.

Extra-Curricular Activities

E-Sport Participant

FTKEK Mobile Legend Tournament, UTeM   October 2023 & November 2024
- • Participated in Mobile Legends e-sports tournament, demonstrating teamwork, and strategic thinking.

Volunteer Program
YIC (Young Innovator Challenge) mentoring program   February 2023 – September 2023
- • Served as a mentor for the *Magical Innovator* team, guiding students in developing creative tech solutions.
UTeM PEMBINA Cleaning Volunteer   June 2021
- • Volunteered for a beach clean-up initiative at Pantai Puteri, promoting environmental awareness and community service.

Work Experience

Computer Engineering Internship Program (Degree)   July 2024 – September 2024
Software Engineer Trainee at Devstack Sdn. Bhd. Kuala Terengganu
- • Gained hands-on experience with Laravel, PHP, Livewire, and GitHub through ESG project development.
- • Improved internationalisation, UI features, and backend functionality in a collaborative coding environment.

Electronic Engineering Internship Program (Diploma)   October   2021   – January 2022
Technician Trainee at ZF TECH SUPPLY & SERVICE Sdn. Bhd. Kuala Terengganu
- • Installed and configured audio systems and assisted with CCTV setup for optimised functionality.
- • Handled administrative tasks including documentation, data entry, and scheduling.

Food & Beverages Service Crew (Part-Time)   2018 - 2019
Waiter at Mat Ulu Corner, Kuala Terengganu
- • Served customers, took orders, and ensured timely food delivery with a focus on customer satisfaction.
- • Maintained cleanliness and hygiene standards in dining and service areas.

Computer Skills

- • Software knowledge: **Programming** (C++, Python, Java, JavaScript, CSS, HTML, PHP), **Microsoft Office Suite** (Word, PowerPoint, and Excel), **Database** (MySQL, MongoDB), Canva, MATLAB, **Microcontroller** (STM32CubeIDE, KeiluVision), **AI/ML Libraries** (Tensorflow, PyTorch, OpenCV)

Certificates

Cyber Threat Management (CISCO) | CERTIFICATE   **FEB 2024**
MongoDB Management | CERTIFICATE   **JUN 2023**
Google Data Analytics | CERTIFICATE   **NOV 2024**
Google Cybersecurity | CERTIFICATE   **NOV 2024**
Google Project Management | CERTIFICATE   **NOV 2024**
Google IT Automation with Python | CERTIFICATE   **NOV 2024**

Languages

- Malay
- English

Referees

Profesor Madya Dr. Nurul Fajar bin Abd Manap	Jannah Mohammad
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