MUHAMMAD HAZIQ AIMAN ANUAR

Kuala Terengganu, Terengganu, Malaysia | +60 11-321 99666 | haziqaimanfb@gmail.com

PROFESSIONAL SUMMARY

Information Systems Engineering graduate currently pursuing an MSc in Computer Science. Builds machine-learning systems and web applications with Python, PyTorch, OpenCV, Django, Laravel, and MySQL. Experience includes computer vision research, model evaluation, and full-stack application development.

PROFESSIONAL EXPERIENCE

Research Assistant | Universiti Teknologi MARA (UiTM) *Nov 2024 – Mar 2026*
Shah Alam, Selangor

- Assisted with machine-learning, deep-learning, and computer-vision research.
- Tested convolutional neural networks (CNNs) and transformers across research experiments.
- Wrote and edited research papers and technical materials for publication.

Software Engineer (On-the-Job Trainee) | TalentLabs / Mysoftcare *Jul 2024 – Nov 2024*
Kuala Terengganu, Terengganu

- Developed and maintained Laravel web applications for internal teams and clients.
- Built features, updated user interfaces, and worked with the development team to diagnose and fix software issues.

System Engineer Intern | Kesatuan Kakitangan Akademik UiTM (MITASA) *Mar 2024 – Jun 2024*
Shah Alam, Selangor

- Developed a web-based claim management system with Django and MySQL for submitting and tracking claims.
- Built the Python/Django backend and created interface components with HTML, CSS, JavaScript, and Bootstrap.
- Tested, debugged, and deployed the system.

SELECTED TECHNICAL PROJECTS

Facial Action Unit Detection using ConvNeXt V2 | Computer Vision Research Project *2026*
University Teknologi MARA (UiTM)

- Fine-tuned ConvNeXt V2 Base with ImageNet-FCMAE pretraining for binary facial action-unit detection on the DISFA dataset.
- Set up subject-disjoint three-fold cross-validation, accounted for class imbalance, and evaluated the model with AU-F1 and micro-F1 scores.
- Achieved a mean AU-F1 of 35.082% and mean micro-F1 of 46.838% on held-out data across three folds.

AI-Driven Automated Attendance Tracking System | Final Year Project *2024*
Universiti Teknologi MARA (UiTM)

- Built a Python attendance system with OpenCV and Tkinter, using YOLOv8n and FaceNet for real-time face detection and recognition.
- Designed a MySQL database for recognition logs, schedules, enrolment records, and attendance queries.

EDUCATION

Master of Science in Computer Science | Universiti Teknologi MARA (UiTM) *2024 – Present*
Shah Alam, Selangor

BSc (Hons.) Information Systems — Intelligent Systems Engineering | Universiti Teknologi MARA (UiTM) *2022 – 2024*
Shah Alam, Selangor

Diploma in Computer Science | Universiti Teknologi MARA (UiTM) *2018 – 2021*
Kuala Terengganu, Terengganu

TECHNICAL SKILLS

Programming: Python, JavaScript, PHP, C++, HTML, CSS
AI & Data: PyTorch, OpenCV, Machine Learning, Deep Learning, Computer Vision, Data Analysis, Database Management
Frameworks & Tools: Django, Flask, FastAPI, Laravel, MySQL, Git, Docker, Linux, WSL, VS Code, PyCharm

LANGUAGES

Malay (Native) • English (Highly Proficient) • Japanese (Novice)