Sayyid Syamil Syed Mohamed
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Available for Internship: Aug 2025 – Jan 2026

Education

UNIVERSITY MALAYA Kuala Lumpur, Malaysia
BCS Computer Science (Artificial Intelligence), CGPA: 3.95/4.0 March 2027
Relevant Coursework: Machine Learning, Deep Learning, Data Structures, Natural Language Processing
Scholarship: Yayasan Khazanah Watan Scholar

UNIVERSITY MALAYA Kuala Lumpur, Malaysia
Foundation in Physical Science, CGPA: 4.0/4.0 June 2023

SMK SERI HARTAMAS Kuala Lumpur, Malaysia
Sijil Pelajaran Malaysia (SPM): 9A's 2021

Technical Skills & Projects

Programming: Python, JavaScript, C, C++, SQL, R
Frameworks & Tools: Google Colab, TensorFlow, PyTorch, Scikit-Learn, Pandas, NumPy, LangChain, OpenAI API, Hugging Face, Transformers, Next.js, React.js, React Native, Node.js, Express.js, FastAPI, Firebase, Supabase, MongoDB, Tailwind CSS, GCP, Vercel
Certifications: Machine Learning Specialization (Stanford), CS50 (Harvard), Cisco CCNA

HEAL.ai – Revolutionized patient interaction with an AI-powered multilingual chatbot.
- **Triage**, **registration**, **queue management**, and **visit summarization** using real-time, automated assistance.
- Integrated **Gemini 2.5** API and **MCP function-calling** for medical consultations.
- **Built** with **Next.js + TypeScript**, deployed on **Vercel**, leveraging custom **SQLite** for the Malaysian public healthcare system.

SecondMind – Created an AI-powered productivity tool to automate drafting, summarization, and research tasks.
- Won **Gold** and **Most Innovative Award** at a **national** innovation competition.
- Integrated multiple **large language models (LLMs)** for seamless, high-volume automation.
- **Built** with **Python**, optimized for **multi-API** integration and user-friendliness.

Leadership

Google Developer Group on Campus, University Malaya
Generative AI Lead 2025
- Led the Generative AI team, organizing **6 workshops**: Generative AI for Everyone, **Monthly AI News**, Practical Sharing on **Open-Source Deep Research**, Imagen3 (Image Generation Tools), **Hugging Face x LangChain**, and **Vibe Coding Workshop & Competition**.
- Led **event planning** and **spoke at workshops**.

Persatuan Komputer Universiti Malaya (PEKOM)
Vice Director, Dean's Cup 2025
- Co-led the **faculty's largest sports event** with 948 participants and developed its **first website.**

Head of Technical, Programming League National 2024
- Led the **technical team** and **built the event website** within **two days** under tight deadlines.

Kinabalu Residential College (KK8)
Student Facilitator & Jawatankuasa Tindakan Kolej 2025
- Volunteered as a **student facilitator** for 700+ new students then was appointed as JTKD Domestic & Property lead to improve room bookings and inventory management at KK8.

Vice Director, Kina Cast & Kina Tech 2025
- Launched KK8's **first YouTube podcast** and trained 20 students in event technical operations.

More Projects

Bijak ASB – Smart Financial Insights at Your Fingertips
- Developed a real-time tool comparing ASB vs. ASBF returns, offering instant financial insights.
- Built with Next.js, React, and Tailwind CSS, focusing on a backend-free and interactive experience.

Cinemood – AI-Powered Movie Emotion Analyzer
- Engineered an emotion-driven movie analysis tool that processes plot arcs using NLP and machine learning.
- Fetches movie plots directly from Wikipedia by title.
- Breaks down plots into scenes and identifies dominant emotions.
- Visualizes emotional arcs and provides downloadable reports in PDF formats.
- Built with Transformers, SpaCy, and NLTK for NLP; integrated with Gradio for web interface.

E-Gringotts – Wizarding World-Inspired Banking System
- Developed a full-stack banking app themed around Harry Potter's Gringotts Bank.
- Features magical currency management (Galleons, Sickles, Knuts), tiered user roles, and secure transactions.
- Applied data structures like trees, graphs, stacks, and hash tables.
- Built with Next.js, React, Tailwind CSS (frontend), and Java Spring Boot (backend).

Predictive Analysis of Malaysian Election Outcomes – Built for university Machine Learning course
- Cleaned and preprocessed GE12–GE15 election data (feature selection, encoding, scaling)
- Trained multiple models (Logistic Regression, Random Forest, Gradient Boosting, Support Vector Machine, Neural Networks) with GridSearchCV tuning
- Evaluated models using Accuracy, Precision, Recall, and F1 Score
- Deployed best model with an interactive widget for real-time win/loss prediction