

FERNADO GEORGE ANAK MANI

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<https://github.com/Fernando03> • Internship Availability: 16 March 2026 - 28 August 2026 (6 Months)

PROFESSIONAL SUMMARY

Final-year Data Science student (CGPA 3.75) and Gold Medalist with a hybrid technical background. Specializing in Generative AI and RAG, I combine advanced data analysis with full-stack engineering skills (React, Node.js) to architect and deploy complete, scalable AI solutions.

EDUCATION

Universiti Malaysia Sabah | 2022 - Present | Bachelor of Computer Science (Data Science) With Honours
Current CGPA: 3.75 / 4.00 (Dean's List)

Sarawak College Matriculation | 2021 - 2022 | Science Module II
CGPA: 4.00 / 4.00 (Best Computer Science Student Award)

TECHNICAL SKILLS & CERTIFICATIONS

- **Languages:** Python, Java, C++, R, SQL, JavaScript, HTML/CSS
- **AI/ML:** Deep Learning, NLP, LLMs (Gemini Pro), RAG, Computer Vision, Generative AI
- **Frameworks:** TensorFlow, PyTorch, React (Vite), Node.js, Tailwind CSS
- **Tools:** Git, VS Code, Docker, Google Cloud Platform

KEY PROJECTS & ACHIEVEMENTS

MatchKami Educational Chatbot | 2nd Prize, JomHack Varsity Challenge 2025

- Developed a bilingual Telegram tutoring chatbot using Gemini Pro and Python, integrating RAG to deliver context-aware tutoring.
- Implemented a bilingual knowledge base (BM/English) and retrieval system, improving accessibility for under-served communities.

AI Medical Scribe | Gold Medal, Festival Idea Sabah 2025

- Built a Gemini Pro & RAG system (Python) to automate clinical documentation, utilizing vector embeddings to minimize hallucinations.
- Reduced administrative workload by 70% in prototype trials; Top 8 Finalist in ELLM Startup Initiative.

Borneo Hackathon 2024 Portal | Head of Activity Unit & Lead Developer

- Architected a reliable event platform using React (Vite) and Node.js, successfully processing real-time registration and data management for 60+ international participants with 100% uptime.
- Designed a responsive frontend (Tailwind CSS) and secure MongoDB backend to manage concurrent user data effectively.

LEADERSHIP & CO-CURRICULAR INVOLVEMENT

Hackathon Team Lead & Lead Developer

- Led teams in 4+ hackathons (MarineHack, JomHack), managing 48-hour sprints to secure 1 Gold & 1 Silver medal.
- Oversaw full-stack architecture, task delegation, and final product pitching for cross-functional teams.

PMFKI (Student Association) | Vice Secretary & Academic Executive

- Spearheaded academic workshops and talks, boosting student engagement.