

MUHAMMAD ADNAN TARIQ

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Profile

Enthusiastic Computer Science undergraduate passionate about AI innovation and community engagement. Proven track record in generative AI projects, hackathon achievements, and academic excellence. Eager to organize workshops, host events, and serve as a Claude Campus Ambassador to drive AI literacy, foster campus networks, and represent Claude with creativity and responsibility.

Education

COMSATS University Islamabad, Sahiwal Campus
*Bachelor of Science in Computer Science***CGPA: 3.79/4.00**

2022 – 2026
Sahiwal, Punjab

Awards

- Prime Minister’s Youth Laptop Scheme** — Selected among top-performing university students nationwide for academic excellence and contribution to the technology community.
- 100% Merit Scholarship** — Awarded full tuition waiver for outstanding academic performance during two-year intermediate studies.
- GenAI.Works 2024 Hackathon — Top Finalist** — Recognized among top teams for developing an innovative generative AI application.

Campus Engagement

- Organized peer-led AI study sessions introducing classmates to prompt engineering and Claude’s capabilities (Spring 2025).
- Delivered an NLP fundamentals tutorial during a university coding club meeting, attended by 25+ students (Fall 2024).
- Coordinated a mini generative AI showcase, demonstrating projects to faculty and peers to promote AI literacy (Spring 2024).

Leadership & Affiliations

- Microsoft Learn Student Ambassador** (Nov 2023 – Oct 2024)
Organized workshops and hands-on sessions on Microsoft cloud and AI tools; mentored peers; coordinated campus events; leveraged Microsoft resources to grow the campus tech community.

Projects

- AI Content Generator | Python, Streamlit, Generative AI, NLP** **2024**
 - Built an AI-driven news platform that autonomously retrieves, summarizes, and presents daily articles using advanced NLP pipelines.
 - Reduced content aggregation time by over 80%, delivering concise summaries optimized for readability and relevance.
 - Source code on GitHub.
- Writing Assistant for IELTS/TOEFL Preparation | Python, Streamlit, LLMs (Llama 3), Groq API** **2024**
 - Developed an AI-powered writing assistant that delivers real-time, CEFR-aligned feedback on grammar, vocabulary, cohesion, and structure for English exam essays.
 - Engineered dynamic prompt chaining with Llama 3 via Groq API, improving essay scoring accuracy to match expert evaluators 95% of the time.
 - Deployed on Streamlit Cloud; source code on GitHub.
- CareGenix – Agentic Patient Care Management | Python, FastAPI, React, LLMs, Docker** **2025**
 - Designed a multi-agent healthcare orchestration system with AI-powered modules for patient intake, diagnosis, and treatment planning.
 - Integrated advanced LLMs for clinical reasoning and triage, achieving 40% faster case resolution in pilot testing.
 - Implemented real-time workflows using FastAPI, WebSockets, and Celery, with secure backend infrastructure on Dockerized microservices.
 - Source code on GitHub.

Technical & Professional Skills

Languages: Python, JavaScript, HTML/CSS, Java, SQL, Dart, PHP

Developer Tools: VS Code, Google Cloud Platform, Hugging Face, Android Studio, GitHub

AI/ML & Frameworks: Generative AI, Prompt Engineering, Large Language Model Fine-Tuning, scikit-learn, TensorFlow/Keras, Docker, Linux

Technologies: n8n Automation Workflows, Containerization (Docker), Cloud Platforms (Google Cloud, Oracle Cloud Infrastructure)

Professional Skills: Public Speaking, Workshop Facilitation, Event Coordination, Community Outreach, Content Creation

Certifications

Oracle Generative AI Certified Professional

- Specialized in Large Language Models, OCI Generative AI, RAG, Semantic Search, and LangChain for AI app development.

Stanford Machine Learning Specialization

- Mastered supervised/unsupervised learning, neural networks, and ML best practices for real-world applications.

Google Cloud Digital Leader Specialization

- Developed foundational cloud knowledge for collaborating on AI and cloud-based solutions.

Stanford CS106A: Code in Place

- Learned Python fundamentals with projects in console apps, graphics, and algorithms.