

Taimoor Ul Islam

AI Engineer - NLP & LLMs

Aspiring AI Engineer focused on Natural Language Processing (NLP) and Large Language Models (LLMs), with growing experience in both research and engineering. Skilled in building, fine-tuning, and deploying transformer-based models, and exploring advanced techniques like RAG and Agentic AI to push the boundaries of language understanding.



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📍 Peshawar, Pakistan

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EDUCATION

Bachelor of Computer Science

City University of Science and Information Technology

11/2022 - Present

CGPA 3.14/4

PERSONAL PROJECTS

Cricket Game Prediction (02/2025 - 03/2025)

- Built a machine learning model to predict cricket match outcomes based on historical match data, player performance, and team statistics.
- Tech Stack: Python, scikit-learn, XGBoost, Pandas.

AI-Powered Exam System (Work in Progress) (04/2025 - Present)

- Built a system to auto-generate question papers using LLMs and grade scanned answer sheets with OCR and NLP. Enabled customizable marking schemes and semantic answer evaluation. Developed an interactive dashboard for managing exams and viewing results.
- Tech Stack: Python, Hugging Face, OpenCV, Tesseract OCR, Streamlit, FastAPI

SKILLS

Programming & Frameworks: Python, PyTorch, TensorFlow, SQL, C++

NLP & LLM Tools: Hugging Face Transformers, LangChain,

Model Development: Data Preprocessing, Pretraining, Fine-tuning, Prompt Engineering, Transfer Learning

Advanced Techniques: Retrieval-Augmented Generation (RAG), Agentic AI Systems

Cloud & Deployment: MLOps, FastAPI, Streamlit, Google Cloud Platform, REST APIs, Git/GitHub

Research Skills: Paper Implementation, Evaluation Metrics, Strong Mathematical & Analytical Thinking

CERTIFICATES

Natural Language Processing Specialization (01/2025 - 03/2025) [🔗](#)

Specialization by DeepLearning.AI offered through Coursera comprised of 4 courses

Introduction to AI and ML on Google Cloud Platform (02/2025 - 02/2025) [🔗](#)

Course offered by Google Cloud

IBM Machine Learning Engineer Professional Certificate (01/2025 - 02/2025) [🔗](#)

Professional Certificate offered by IBM through coursera comprised of 6 courses

Associate Data Scientist (11/2024 - 01/2025) [🔗](#)

Completed Associate Data Scientist Track on Data Camp

Machine Learning Specialization by Andrew Ng (11/2024 - 01/2025) [🔗](#)

Specialization by Andrew Ng (Stanford and DeepLearning.AI) offered through coursera comprised of 7 courses

Artificial Intelligence (04/2025 - 09/2024) [🔗](#)

Course certification under by NAVTTC PM Youth Development Program Govt. Pakistan

LANGUAGES

English
Full Professional Proficiency

Pushto
Native or Bilingual Proficiency

Urdu
Full Professional Proficiency