

Syed Asad Ali Sherazi

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SUMMARY	Computer Science student at UET Lahore (CS'27) with hands-on experience in building and deploying AI solutions across NLP, computer vision, and speech analysis. Proficient in Python, PyTorch, TensorFlow, and Scikit-learn, with a strong foundation in machine learning, deep learning, and data preprocessing. Developed and deployed real-world applications including legal-domain assistants, document Q&A bots (GPT-3.5 + LangChain), and domain-specific LLM tools using RAG, agents, and vector search (FAISS). Eager to contribute to real-world AI systems in a collaborative, impact-driven engineering environment.	
WORK EXPERIENCE	AI Intern(National Centre of Artificial Intelligence, UET Lahore)	11 June 2025-Present
	<ul style="list-style-type: none">Assisting in development and optimization of machine learning models for AI research projectsCollaborating with researchers to implement and test AI solutions using Python and relevant frameworks	
	Teaching Assistant(UET Lahore)	Sep 2024 - May 2025
	<ul style="list-style-type: none">Assist in teaching and grading coursework for Object-Oriented Programming (OOP) and Programming Fundamentals(PF).Support students by clarifying complex programming concepts and guiding practical coding exercises	
	Fellowship Experience(AI/ML Intern – ACM UET):	15 July 2024 - 15 Aug 2024
PROJECTS	<ul style="list-style-type: none">Gained hands-on experience in machine learning algorithms and model development.	
	Internship Experience(Machine Learning Intern – Green Vision Company):	22 July 2024 - 22 Aug 2024
	<ul style="list-style-type: none">Developed and optimized ML models using Python and Scikit-learn.Conducted data preprocessing and collaborated on real-world solutions.	
	Judiciary GPT(LangChain, GPT-3.5, Streamlit)(App)(Code)	
	Developed an AI-powered judicial assistant using multi-agent architecture and Streamlit for legal text analysis and case support. Implemented prompt routing, NLP pipelines, and modular agents for tasks like judgment drafting and intent classification.	
EDUCATION	AI-Powered Document Assistant (LangChain, FAISS, Streamlit)(App)(Code)	
	Built an AI-powered document assistant using retrieval-augmented generation (RAG) and custom LLM chains for contextual Q&A. Designed modular components for document retrieval, memory handling, and prompt engineering to enable multi-turn interactions.	
	Smart Resume & Cover Letter Generator (GPT-3.5, Streamlit)(App)(Code)	
	Created a GPT-3.5-powered app to generate personalized cover letters and resume bullet points from uploaded resumes and job descriptions. Features include resume parsing and one-click export via Streamlit.	
	Text-Based Lie Detection Using BERT (Hugging Face, PyTorch, LIME) (Code)	
KEY SKILLS	Developed an NLP system to classify deceptive vs truthful statements using a fine-tuned BERT model. Integrated LIME for explainability and deployed the app via Streamlit.	
	Bachelor of Computer Science	Sep 2023 - May 2027
	University of Engineering and Technology, Lahore	(Completed 4th semester)
	AI courses:	
	<ul style="list-style-type: none">AI-focused short course at Arfa Kareem Incubator (3 months)AI-focused short course at KICS, UET Lahore (3 months)	
KEY SKILLS	<ul style="list-style-type: none">Python, C++, CMachine Learning, Deep LearningPyTorch, TensorFlow, Scikit-learnHugging Face Transformers, BERT, LIMECNNs, Transfer Learning	
	<ul style="list-style-type: none">Agentic AI, OpenAI API, LangChain, Prompt EngineeringNLP, Text & Audio ClassificationStreamlit (Deployment), Librosa (Audio Features)Git, GitHub, Model Versioning	