

Hammad Ali Tahir

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SUMMARY

Final-year BS Computer Science student with experience in **AI, ML, and Deep Learning**. Skilled in neural networks and **NLP** (Transformers, Attention, Encoder-Decoder models). Hands-on with **RAG pipelines and fine-tuning LLMs**, with a strong technical foundation focused on building effective, real-world AI solutions.

EDUCATION

[BS Computer Science-University of Education Lahore](#)

Expected Graduation: June 2026

- **Relevant Coursework:** Linear Algebra, Statistics, Calculus-I, OOP, DSA, Machine Learning, Data Science, Database Systems

EXPERIENCE

[Uraan AI Techathone 1.0](#)

AI-Powered Legal Case Management System

Sep 2025 - Oct 2025

- Developed an **AI-Powered Legal Case Management System** integrating case classification, prioritization, and precedent retrieval using **Machine Learning and RAG (Retrieval-Augmented Generation)** techniques.
- Achieved **91.5% classification and 95.2% prioritization accuracy** using Support Vector Classifier, Naïve Bayes, and Random Forest models, improving legal data analysis efficiency.
- Built an **interactive Streamlit interface** leveraging **Hugging Face embeddings, ChromaDB, and Llama-3.1-8B** to deliver context-aware legal insights and automate research.

PROJECTS

[End to End-Loan Approval Prediction System](#)

Predictive Model for Loan Approval

- Constructed a **comprehensive project pipeline** by mapping all key phases, resulting in a streamlined workflow that reduced project turnaround time by 30%.
- Coordinated all phases of the **project lifecycle independently**, delivering a fully functional solution on time and within scope, resulting in a 100% completion rate without external assistance.

SKILLS

Programming: Python, SQL

Libraries: Pandas, NumPy, Keras, Matplotlib, Seaborn, NLTK, BeautifulSoup & Requests

Tools: Pycharm, Jupyter Notebook, Power BI, Git, Google Colab

Concepts: Data Cleaning, EDA, Supervised Learning, Un-Supervised Learning, CNNs, RAG, Fine Tuning

Skills: Analytical Problem Solving, Effective Communication, Team Collaboration & Accountability

Frameworks: Tensorflow, Sklearn, Langchain, LangGraph

CERTIFICATIONS

- [IBM Data Science Professional Certificate](#)

Hands-on training in Python, data analysis, visualization, and machine learning.

- [Supervised ML: Regression and Classification\(2025\)](#)

DeepLearning.AI and Stanford University