

# Ali Taimoor

Junior AI / ML Engineer

**Computer Science student** with hands-on experience in **machine learning** and **AI-based projects**, focused on building **efficient solutions**. Eager to apply my **technical knowledge** in a **collaborative environment** while **learning, growing, and contributing**.



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## EDUCATION

### Bachelor of Science in Computer Science

Namal University Mianwali

Oct 2022 - Jul 2026 | Mianwali, Pakistan | 3.12/4.00 CGPA

#### Courses

- Object Oriented Programing, Algorithms, Software Engineering, Parallel and Distributed Computing, Artificial Intelligence, Machine Learning, Deep Image Processing, Discrete Mathematics, Operating System, Computer Networks, Information Security, Cyber Security, Natural Language Processing, Mobile Application Development

## PROJECTS

### Brain Disease Diagnosis using Federated Learning

Machine Learning, Web Development, Databases, Cloud Deployment

Built a **federated learning system** for **privacy-preserving brain disease diagnosis**, enabling **multiple hospitals** to collaboratively train AI models without sharing sensitive data. Achieved **97.3% Accuracy** in classification with a **0.86 Dice Score** for segmentation.

### Lissan-ul-Quran (AI-Powered Arabic Learning App)

Mobile App Development, LLM Engineering, Firebase

Developed an **AI-powered Arabic learning app** with **interactive assessments**, **automated feedback**, and **personalized learning paths**.

### LaTeX Agent (LLM-Based Error Correction System)

LLMs, Python, LaTeX, Automation

Built an **LLM-powered LaTeX agent** for **automatic error detection and correction**, enabling **clean, error-free document compilation**.

### Bagicha – Smart Gardening Mobile App

Flutter, Dart language, Firebase

Designed a **smart plant care mobile app** with **plant search**, **minders**, and **digital garden management** using **Firebase** and **external APIs**.

### Phishing Link Detection

Python, Machine Learning

Built a **machine learning system** to **classify phishing and legitimate URLs** with **data preprocessing**, **feature extraction**, and **model evaluation**.

### Secure Password Evaluation System

Linux based

**Linux-based real-time password strength evaluator** with **built-in security risk diagnosis**.

## SKILLS

Python C++ Flutter React.js Node.js JavaScript

MYSQL PostgreSQL REST APIs Tesnorflow Keras

Version Control (Git) PyTorch AWS FastAPI

Firebase Flask Scikit-learn CI/CD Docker

## ACHIEVEMENTS

### Innovative Ideathon

Namal University, Mianwali

Won **1st prize** for our **innovative project Brainica** that is **multi disease brain diagnosis platform** using **federated learning**.

### Debate Competition Winner

Namal university, Mianwali

Won **APDC** for **consecutive 3 years** in university and represented at **HEC**.

### Startup Weekend Lahore, 2026

LUMS

Participated in **Startup weekend** at **LUMS** where I **pitched Miraas**, a **secure digital inheritance system** using **blockchain**.

## CERTIFICATES

### Supervised Machine Learning

Coursera

Completed a course on **Supervised Machine Learning: Regression and Classification**, focusing on **core models** and **real-world applications**.

### Advanced Learning Algorithms

Coursera

Completed the **Advanced Learning Algorithms** course, covering **neural networks**, **deep learning** fundament

## LANGUAGES

### English

Professional Working Proficiency

### Urdu

Native or Bilingual Proficiency

## INTERESTS

ML Model training AI-powered applications

Technology Exploring Marketing and sales