

TAIMOUR MUSHTAQ

Rawalpindi Pakistan

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Education

Federal Urdu University of Arts, Science & Technology

Islamabad, Pakistan

Bachelor of Science in Computer Science

Expected 2028

Relevant Coursework

- Data Structures & Algorithms
- Database Management Systems
- Object-Oriented Programming
- Probability & Statistics
- Discrete Mathematics
- Artificial Intelligence

Experience

Ezitech Institute

May 2025 - November 2025

Machine Learning Intern

Rawalpindi

- Built and evaluated supervised machine learning models using Scikit-learn for real-world datasets.
- Performed data preprocessing, feature engineering, and normalization to improve model performance.
- Applied regression and classification algorithms and evaluated results using MAE, RMSE, Accuracy, Precision, and Recall.

Developers Hub

Remote

AI/ML Intern

Pakistan

- Built beginner-level NLP and computer vision models using Python, OpenCV, and TensorFlow.
- Developed image classification models using CNN architectures.
- Implemented text preprocessing pipelines including tokenization and vectorization.

Projects

Churn Prediction – End-to-End ML Pipeline | *Python, Scikit-learn, Pandas*

- Built a complete machine learning pipeline including preprocessing, feature encoding, model training, and evaluation.
- Applied classification algorithms and evaluated performance using Accuracy, Precision, Recall, and F1-score.
- Improved model performance through hyperparameter tuning and validation techniques.

MNIST Digit Classifier (Deep Learning) | *TensorFlow, Keras, NumPy*

- Developed a handwritten digit classifier using a neural network on the MNIST dataset.
- Preprocessed image data through normalization and reshaping for efficient training.
- Achieved high validation accuracy and analyzed training vs validation loss for optimization.

House Price Prediction (Regression Model) | *Python, Scikit-learn, Matplotlib*

- Built a regression model to predict housing prices using feature engineering techniques.
- Evaluated performance using MAE and RMSE metrics and visualized predictions using Matplotlib.

Technical Skills

Programming Languages: Python, C++, Java, C#, SQL

Machine Learning: Supervised Learning, Unsupervised Learning, Regression, Classification, Model Evaluation

Deep Learning: Neural Networks, CNN, TensorFlow, Keras

Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, OpenCV

Tools: Git, GitHub, VS Code, Jupyter Notebook, Google Colab, SQL Server

Web / Frameworks: Flask, HTML, CSS

Certifications

AI / Machine Learning Course

2025-2026

PNY Trainings – Rawalpindi

Machine Learning & AI Specialization

2025

Machine Learning Fundamentals, Python for Data Science and AI, Developing AI Applications with Flask

Data Science Professional Courses

2025

Data Analysis & Visualization with Python, Databases and SQL for Data Science