

Noor Fatima

Data Scientist/Machine Learning Engineer

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Experience

Machine Learning Fellow

June 2023 – Sep 2023

Bytewise

Lahore, Pakistan

- Applied (NLP) techniques using NLTK for text pre-processing, tokenization, and sentiment analysis.
- Performed data pre-processing, EDA, and optimized machine learning models through hyperparameter tuning.

Machine Learning Intern

April 2023 – Present

DataLabb

Lahore, Pakistan

- Assisting in building and evaluating machine learning models, focusing on data pre-processing, feature engineering, and model performance.
- Collaborating on model optimization, data pipelines, hyperparameter tuning, and cross-validation techniques.

Frontend Developer

April 2023 – Present

DataLabb

Lahore, Pakistan

- Developing responsive user interfaces with React, integrating APIs, and data visualization for seamless functionality.

Education

Bachelor of Science in Computer Engineering

Oct. 2023 – May 2027

University of Engineering and Technology, Lahore

Lahore, Pakistan

Projects

A Whats App Chat Analyzer

- Developed a Streamlit app for WhatsApp chat analysis with interactive visualizations to showcase message statistics, timelines, and user behaviour.

Olympics Analysis Web App

- Developed a web app to analyze Olympic data, offering insights on medal tallies, country performance, and athlete statistics through interactive visualizations.

Accord -Ask Anything About Islam

- Developed "Accord," a Python-based GUI app for scholarly religious discussions with user authentication, topic channels, private messaging, Namaz reminders, and Quran listening/reading features.

Skills

Programming Languages: Python, HTML/CSS, Java JavaScript, SQL

Developer Tools: Git, GitHub, Jupyter Notebook, Vs Code, PyCharm, Google Colab

Frameworks: TensorFlow, Pytorch, Keras, React, Streamlit

Tools: Pandas, NumPy, Seaborn, Matplotlib, Plotly, Scipy, TorchEEG, MNE

Technologies and Platforms: NLTK, Flask, Selenium, MongoDB, RESTful APIs

Pipelines, Hugging Face, OpenAI, ChatGPT

Methodologies: Exploratory Data Analysis, Machine Learning Engineering, Deep Learning, Natural Language Processing, Artificial Intelligence, Time Series Analysis, Databases, Data Analysis, Data Analytics, Text Classification, Data Visualization, Feature Engineering, Data Engineering

Soft Skills: Problem-solving, Critical thinking, Collaboration, Adaptability, Communication, Self-motivation, Attention to detail, Teamwork, Skill Development, Learning

Certificates and Achievements

- Beginner Guide to Git & Github (Microsoft) (Hands-on Practice)
- Introduction to Python programming (Microsoft) (Hands-on Practice)
- Fundamentals of Machine Learning (Microsoft) (Hands-on Practice)
- Neural Networks (Analytics Vidhya) (Core Concepts)
- Intro to Deep Learning (Kaggle) (Basic Concepts)
- Computer Vision (Kaggle) (Basic Concepts)
- Deep Learning with PyTorch (Coursera) (Image Segmentation)