Shamsa Batool
LLM Engineer

shamsa2020@namal.edu.pk ✉

0307-3406297 📱

Mianwali, Pakistan 📍

linkedin.com/in/shamsa-batool-88a200240 in

github.com/ShamsaBatool110 ⭘

I am a Computer Science learner eagerly interested in Machine Learning, and AI. Currently, I am working on LLM-based application development. I want to grab an opportunity to solve real-world problems learn .

EDUCATION

Bachelors in Computer Science
Namal University Mianwali
10/2020 - Present   3.69/4.00

Fsc
Jinnah Public Higher Secondary School, Piplan
07/2018 - 06/2020   1055/1100

WORK EXPERIENCE

Teacher Assistant
Namal University Mianwali
10/2023 - 02/2024

Responsibility
- Worked as a Teacher Assistant in the course of Machine Learning
- Delivered Hands-on Tutorials for ML Programming
- Designed and Evaluated ML Assignments and Project

Level 2 Fiverr Seller
Fiverr
07/2023 - Present

Achievements
- Completed 70 Orders in Machine Learning and Optimization Problems
- Maintaining Consistent 4.9 Star Rating
- Earned Fiverr's Choice Badge Multiple Times

SKILLS

LangChain · MySQL · Microsoft Azure · Scikit-learn · Tensorflow · Pandas · Public Speaking Skills · Team Lead

PERSONAL PROJECTS

Developing Customer Support Chatbot using Generative AI (Finetuning Llama-2)
(10/2023 - Present)
- This project involves working with open-source LLM from finetuning, prompt engineering, to agent. It also involves connecting the agent with database and document data using RAG.

Retrieval based Question Answer Chatbot using Sentence Transformer (03/2023 - 08/2023)
- This project involved developing a question answer chatbot utilizing sentence transformer model from HuggingFace. In this project, the power of embeddings models was assessed.

Multi-layer Perceptron's Scratch Implementation using Evolutionary Algorithm (10/2022 - 02/2023)
- This project involved a blend of Evolutionary Algorithm with Machine Learning. Firstly, it was aimed at implementing a multi-layer perceptron model from scratch to understand what goes under the hood of Neural Networks. Secondly, it involved optimization using Evolutionary Algorithm.

Face Detection in Image using Evolutionary Algorithm (10/2022 - 02/2023)
- This project involved finding a person's face in a group photo using Evolutionary Algorithm. It involved implementing Evolutionary Algorithm from scratch to work with image.

CERTIFICATES

Machine Learning Specialization (04/2023 - 06/2023)
*This certification, from **Coursera** and taught by **Andrew Ng**, involved a complete pathway for self-paced learning covering fundamental concepts and mathematical intuition of Machine Learning.*

Data Wrangling using Slice N' Dice - University of Glasgow (10/2020 - 02/2021)

INTERESTS

Photography · Travelling · Podcast Listening