

MUHAMMAD HUSNAIN ALI

ML Engineer

📞 92 300-0916426 ✉ Husnain.Ali.Official.738@gmail.com

🌐 [linkedin.com/in/husnainaliofficial](https://www.linkedin.com/in/husnainaliofficial) 🐙 <https://github.com/MuhammadHusnainAli>

Objective

Experienced Artificial Intelligence developer with expertise in various aspects including data cleaning, data visualization, exploratory data analysis, and model training in both supervised and unsupervised learning. Proficient in developing deep learning neural networks for tasks such as image classification and Convolutional Neural Networks using Python. Skilled in Natural Language Processing (NLP), leveraging pretrained models, and fine-tuning them on custom datasets.

Education

Superior University ,Lahore

CGPA: 3.6/4

Bachelor of Science in Computer Science

Coursework: Artificial Intelligence, Machine Learning, Deep Learning, Python, Databases

Technical Skills

Programming Languages and Database : Python , Sql , Mysql

Framework & Libraries: Sicket-Learn, Keras , TensorFlow , Keras , PyTorch, Numpy , Pandas , Matplotlib , CV

Experience

Swift Solver (Data Science)

Oct 2023 – Dec 2023 Virtual

During this virtual internship, I gained knowledge about machine learning models, including regression and classification models. Additionally, I have been engaged in web scraping throughout this period, and I am also involved in fine-tuning language models on a custom dataset.

Pure Logics (Python + AI)

Jun 2023 – Sep 2023 Lahore

I led an NLP project using OpenAI's gpt-3.5-turbo model, employing a cooking dataset from Hugging Face. I conducted data preprocessing, fine-tuned models with varied parameters, and successfully deployed the project using Streamlit. This highlights my NLP expertise and proficiency in handling cutting-edge pretrained models.

Projects

AI text generation | Vscod, Colab, Python

Aug – Sep 2023

- * I undertook a project focused on Natural Language Processing (NLP), where I utilized pretrained models from OpenAI, including gpt-3.5-turbo model. The project involved working with a cooking dataset obtained from Hugging Face.

LLM Model | Vscod, Python, Colab, Web Scraping

Oct – Dec 2023

- * In this project, our objective is to scrape data from the Stack Overflow website using a specific tag. Once the data is collected, the next step involves fine-tuning a language model on this dataset.

Ai base Flutter App | Python, Dart, Vscod, Android Studio , Firebase , Cached data Feb – May 2024

- * In this Flutter-based application, I am implementing various language models for tasks such as text generation, image generation, audio-to-text, and text-to-audio. Additionally, I am integrating different types of databases to monitor user activity and keep track of their interactions.

Certifications

Pure Logic Software House: python+AI

Swift Solver Software House: Data Science

Code Soft : Artificial Intelligence

Grow Intern : Machine Learning

Great Learning Ai Engineer Complete Roadmap Total 11 course series

Coursera : AI Foundations for Everyone Specialization 4 course series