

Malik Saad Ahmed

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Portfolio

Objective

Former Artificial Intelligence Engineer Intern proficient in fine tuning and implementing **LLMs**. Skilled in Python for data analysis and visualization, and proficient in **Power BI** for dashboard creation and reporting. Experienced with **data manipulation and analysis** in various contexts and developing robust **Machine learning** models. Skilled **image annotator** using **Roboflow** for computer vision projects Seeking a challenging position to leverage expertise in **data analysis, artificial intelligence**, computer vision, natural language processing and interpretation to drive organizational success

Experience

Artificial Intelligence Intern (Main Focus on NLP), iOPTIME – G8, Islamabad July 2024 – Aug 2024

- Developed Supervised Machine learning models from scratch using **Numpy, Pandas, Skit learn**
- Developed robust Neural Networks using textbfRecurrent Neural Networks (LSTM,GRU) and Convolutional Neural Networks using **PyTorch** Networks.
- Worked on **LLMs** like **GPT-2, transformers** and **BERT** models for NLP tasks like **Sentiment Analysis, Text classification** and **Text Generation**.

Fiverr Level 1 Freelancer Specializing in Data Wrangling, Web Deployment and RAG development, Remote (View Profile) May 2024 – Present

- Completed tasks using OpenRefine for Clustering, Deduplication and reconciliation of multiple textual datasets
- Completed multiple orders on Web Hosting and deployment using Vercel and Github
- Completed 17+ orders and worked with 13+ clients included Pro Clients.

Projects

Therapy Chatbot using DialogGPT <https://shorturl.at/ZtcmC>

Developed a therapy chatbot using DialogGPT by fine tuning it on a question answer dataset. Frontend was developed in Streamlit, model was fine tuned using SFTTrainers from transformers on 5 Epochs.

RAG Based Personal Counsellor Chatbot Developed using TED X TALKS

Developed a RAG Chatbot using Langchain, Pinecone and Flask. Dataset was developed after Web Scraping youtube videos on TED TALKS and generating transcripts. Pinecone was used as a vector database to store embeddings. Deepseek, GROK,LLAMA, Mistral and Gemma 2 APIs were used as LLMs for this project. Evaluation was performed using TextStat and ROUGE

Power BI Report of Programming Habits of Computing Students <https://shorturl.at/49Nx9>

This project was developed after collecting surveys from students of multiple universities in a time span of 1.5 months. The dataset contains records of 748 students. Students were asked various questions related to work ethics, behaviors, stress, anxiety, and presence of jealousy. Data was collected, loaded using RESTful API into the main Power BI project.

AI Web Scraper Using Deepseek-r1 and Selenium <https://shorturl.at/ElXVS>

Developed a comprehensive solution for automating web scraping. Used Selenium and Deepseek-r1 model for parsing the website and scraping all the HTML contents.

Skills and Technologies

Languages

Python, SQL, C++ , C

Python Modules for AI/ML/DS

PyTorch, NLTK, transformers, scikit learn, huggingface,langchain

Data Visualization Tools

Power BI, Google Looker Studio

Database Systems

MySQL, PostgreSQL, SQLite, Firebase, Pinecone

Version Control

Git and Github

Other Tools

OpenRefine, QT Creator C++ , Figma, Excel, Roboflow

Education

Air University, Islamabad, BS in Artificial Intelligence

Sept 2023 – Sept 2027

Certification

Python Data Fundamentals, DataCamp

April 2024 – May 2024

Power BI Fundamentals, DataCamp

Feb 2024 – April 2024

Artificial Intelligence Intern at iOPTIME <https://shorturl.at/shAKt>

July 2024 – August 2024

Extracurricular Activities

- Mentoring 3 groups of Batch 24 AI Students in developing their DBMS projects in QT Creator C++
- Director Llason of Documentation Team of Air Tech
- Tech Lead of Air University Data and AI Society
- 3rd Position holder of Init Quiz 2023
- Conducted workshops on Github and MS Excel in Air University.
- 1st Position Holder of Air AIQ Quiz organized by AirTech 2025
- 2nd Position Holder of Air Viz X organized by AirTech 2025.
- 1st Position Holder of AI DS Hackathone organized by Airtech 2025