

Muhammad Nadeem

Data Scientist Intern | Data Analyst

+92 312 1428836

mr.nadeempredictermodeler@gmail.com

<https://www.linkedin.com/in/muhammad-nadeem-5a1517242/> <https://github.com/NadeemMughal>

Gujranwala, Pakistan

SUMMARY

Aspiring Data Scientist Intern and passionate ML Engineer with a strong foundation in Python, SQL, and data visualization. I specialize in creating advanced models like CNNs, LSTMs, and Transformers, and have hands-on experience in machine learning, data analysis, and business intelligence. My work includes developing image captioning models, conducting sentiment analysis, and fine-tuning Large Language Models (LLMs) for complex tasks. I have also published a paper on extracting medicine names from handwritten prescriptions using Mask RCNN and Transformer models. With a keen eye for detail, I excel at turning data into meaningful insights, building interactive dashboards, and facilitating data-driven decision-making in dynamic environments.

EXPERIENCE

AI Summer Internship

COMSATS University Islamabad

07/2024 - Present Remote

Internship focusing on large Language Models.

- Developed a Titanic passenger survival prediction model.
- Integrated Kaggle Notebooks, Hugging Face, and Weights & Biases (WandB) for streamlined model development and tracking.
- Fine-tuned Large Language Models (LLMs) for sentiment and emotion prediction using few-shot learning techniques.

Freelancing

ML Engineer | Data Analyst

11/2023 - Present Remote

Internship with a focus on business intelligence and data management.

- Data Analyst specializing in Excel, conducting data analysis, creating visualizations, and automating processes for client-driven insights.
- Worked on AI projects using Python, implementing various models with diverse datasets.
- Worked with software tools such as Orange, Power BI, Tableau, and Weka to implementing models and drive insights from it.

EDUCATION

Bachelor in Data Science

GIFT University

08/2020 - 09/2024 Gujranwala, Pakistan

Google Data Analyst

Coursera

07/2023 - 10/2023 Remote

CERTIFICATES

Data Science 101 from Cognitive Class (November 2022)

Python for Data Science from Cognitive Class(November 2022)

Data Analytics and Business Intelligence from Digi skills (November 2022)

Machine Learning with Python from Cognitive Class (March 2023)

PROJECTS

Machine Learning | Data Analysis

Project Headlines:

03/2022 - Present GIFT University | Remote

- Recognizing and Extraction of Doctors Handwritten Medical Prescription leveraging mask RCNN and Transformers (**Final Year Project**)
- Twitter sentiment analysis using real-time tweets
- Detecting COVID19 From Chest XRay Images using CNN
- Separated voice and music from songs directly using YouTube links with a pre-trained model.
- Implemented machine learning models from scratch.
- Image Caption Generator using CNN & LSTM.
- Automated Data Visualization and Descriptive Analysis Web App Using Streamlit.

SKILLS

LLM's	ML / DL	Python	R	SQL
PowerBI	Tableau	Data Preprocessing		
Data Visualization	Data Analysis			
Business Intelligence	Report Generation			
Data Management	Excel / Google Sheets			

KEY ACHIEVEMENTS

Published Deep Learning Article

- Authored a well-received article on: A Novel Approach on Medicine Name Extraction from Handwritten Doctor Prescriptions using Mask-RCNN and Transformer.

International Red Cross and Red Crescent Movement

- Participated in various orientation sessions, including the history of the Red Cross and the code of conduct for humanitarian work.
- Engaged in practical activities like packing blankets, food hampers, and clothes, as well as fundraising campaigns for special needs and the needy.
- Completed training sessions, including basic first aid and logistics & disaster management.

Earned the following Badges:

- Google Data Analytics Professional Certificate from **Coursera**
- Python for Data Science from **IBM**
- Data Science Foundations - Level 1 Badge from **IBM**.