Mehreen Samar

AI/ML | Python Developer

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SUMMARY

Aspiring AI/ML Engineer with a solid foundation in machine learning, natural language processing, and Python development.

Recently completed an internship at **DevelopersHub Corporation**, where I contributed to projects including chatbots, sentiment analysis, and automated resume screening.

Passionate about developing data-driven solutions and committed to continuously enhancing my technical expertise.

EXPERIENCE

AI/ML Intern   May '24 — Jun '24
Developers Hub

- Worked on chatbot systems, news classification and resume filtering.
- Built and deployed machine learning models using Python libraries.
- Collaborated in teams to design and refine solutions with real-world impact.

EDUCATION

Bachelor of Science in Computer Science, Fazaia Bilquis College, PAF Nur Khan Base, Rawalpindi   Rawalpindi, Pakistan

CERTIFICATIONS

AI Machine Learning Internship Certificate, DevelopersHub Corporation   Jun '24

PROJECTS

Resume Screening Using Machine Learning

- Developed a machine learning model to automatically screen and rank resumes based on job descriptions, improving recruitment efficiency by filtering candidates with relevant skills and experience.

General Health Query Chatbot

- Built an AI-powered chatbot capable of answering general health-related questions using natural language processing techniques and medical datasets to provide informative and user-friendly responses.

Fake and Real News Detection

- Created a text classification system using NLP and machine learning to identify whether a news article is fake or real, helping combat misinformation and promote trustworthy content.

Movie Reviews Sentiment Analysis

- Implemented a sentiment analysis model to classify movie reviews as positive or negative, leveraging text preprocessing, vectorization, and supervised learning algorithms.

Text Summarization

- Developed an extractive and abstractive text summarization system to automatically generate concise summaries of long documents, using NLP techniques and deep learning models.

SKILLS

Programming Languages   Python, C++, Java, C#, SQL
Machine Learning & AI   Scikit-learn, TensorFlow, Machine Learning, Deep Learning, Natural Language Processing (NLP), Generative AI (Gen AI), Explainable AI (XAI)
Data Science & Analytics   Seaborn, NumPy, Pandas, Matplotlib
Programming Concepts   Object-Oriented Programming (OOP), Data Structures & Algorithms (implied), Database Management System (DBMS)
Soft Skills   Time Management, Communication, Problem-Solving, Team Collaboration