Shaheer Ali

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I am student of Computer Science, with expertise in developing and deploying AI solutions for problem in real life. My experience includes training machine / deep learning model, performing advanced data analyses, and creating pipelines for predictive systems. With a strong foundation in AI ethics and a keen interest in AI governance, I aspire to contribute to initiatives that shape responsible and impactful AI technologies.

Education

2022 – PRESENT
BS COMPUTER SCIENCE
Halfway into my degree at Hazara University, Pakistan, where I started in August 2022.

3.3 GPA • Member of university's AI Society.

2020 – 2022

FSC
I completed my FSC in 2022 at The Peace Group of Schools and Colleges, marking a significant milestone in the timeline of FCS.

2018 – 2020
MATRIC
Matriculated from Proficient Education System – with 80 percent result.

Relevant Experience

2024 – PRESENT
Research Assistant

1. **Hazara University | Yellow Rust 19 Classification Project.**

   This is a project on Yellow Rust Class 19 in Hazara University, where there were 6 classes, classifying for the treatments of yellow rust disease in farms applying advanced machine learning techniques. The study builds predictive models for early detection and management of the disease. Thus, the study advocates sustainable agriculture. He is working on a pending paper concerning the methods and the result to be used for publication in a scientific journal.

2. **Hazara University | Breast Cancer Prediction Project.**

   Based on deep learning models, the project is all about breast cancer classification at my university. The goal of the project, which uses medical data, is to develop a prediction system for distinguishing benign from malignant tumor cases. Using different models such as Convolutional Neural Networks (CNNs) and fully connected layers, the project efficiently reaches high accuracy in prediction. Deep learning works effectively for feature extraction and evaluating complicated patterns in the data, from which a very dependable model to be used for early detection of the breast cancer disease is achieved.

JUNE 2023 – PRESENT
Freelance Data Scientist:

1. **Upwork (2023–NOW)**

   Working as a Machine Learning Engineer and Data Scientist on Upwork, delivering AI solutions to international clients. Developing and deploying machine learning models, conducting advanced data analyses, and optimizing pipelines for real-world applications. Focused on building ethical, scalable, and high-performance AI systems for client needs.

Certifications

MAY – JULY 7, 2024
CODANICS
[Python Ka Chilla (40-Days)](#)

FEBRUARY – JULY 28, 2024
CODANICS
[Six Months of Data Science and AI Mentorship Program](#)

SEP 18 – 24, 2024
SimpliLearn
[Python For Machine Learning](#)

NOV 29, 2024
DataCamp
[Retrieval Augmented Generation (RAG) with Langchain](#)

Skills

Programming Languages: C++, Python, SQL

AI/ML Frameworks: TensorFlow, Keras, Scikit-learn

Cloud Computing: AWS (EC2, S3, Lambda, SageMaker)

Model Deployment: Streamlit, Flask, FastAPI

Data Tools: Pandas, NumPy, Matplotlib, Seaborn

Version Control: Git, GitHub

Other Tools: Jupyter Notebooks, Docker, Kubernetes

Soft Skills: Problem-solving, collaboration, adaptability, communication

Natural Language Processing: Hugging Face, Transformers,

BERT, GPT.