



Ahsan Ullah

Data Scientist

I'm a data scientist with a passion for exploring new tools and technologies. Looking for a challenging role in the software industry that will allow me to develop my professional and interpersonal skills. Proficient in programming languages such as Python, with experience in statistical analysis, machine learning, and data visualization. Open to exciting challenges and continuous learning in the dynamic field of Data Science.

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EDUCATIONAL BACKGROUND

Bachelors Degree in Software Engineering Comsats University Islamabad

02/2019 - 06/2023

Courses

- Object Oriented Programming
- Data Structures and Algorithms
- Artificial Intelligence
- Data Communication and Computer Networks
- Visual Programming
- Database Systems
- Operating Systems
- Web Technologies
- Human Computer Interaction
- Mobile Application Development

WORK EXPERIENCE

Junior Data Scientist and Reporting ISMART Group of Industries

10/2023 - 07/2024

Corporate

Achievements/Tasks

- Scraped and collected data of Pakistan's top E-commerce stores.
- Developed an Application Tracking System (ATS) for ISMMART using Gemini API which is an innovative project designed to streamline the hiring process by leveraging advanced technology to efficiently match job seekers with suitable job opportunities.

Junior Data Scientist (Internship) Convergent Business Technologies

07/2023 - 09/2023

IT Services and IT Consulting

Achievements/Tasks

- Used statistical and analytical techniques to explore data, identify trends, patterns, and relationships. Provided valuable insights into customer behavior, market trends etc.
- Developed machine learning algorithms to make data-driven predictions and automate decision-making processes.
- Managed and analyzed large datasets, providing critical insights that informed strategic decision-making processes.

SKILLS

Python

MySQL

Machine Learning

Tensorflow

PyTorch

Sci-kit learn

Transformers

Natural Language Processing

Pandas

Matplotlib

Numpy

Data Analytics

OpenCV

GitHub

Langchain

OpenAI API

Gemini API

Hugging Face

MS Excel

Matplotlib

Seaborn

LLMs

PERSONAL PROJECTS

Potato Disease Classification using CNN

- Developed a potato disease classification system using Convolutional Neural Networks (CNN).
- The trained CNN model predicts the disease class for each validation image, and the predictions are compared to the ground truth labels.
- Tools and Technologies: tensor flow, CNN, data augmentation, tf dataset

Application Tracking System

- In this project, I have harnessed the power of LLM (Large Language Models) to create a customized ATS. This system will meticulously evaluate an applicant's profile, taking into account their skills, experience, and education, ultimately assigning a score to determine their suitability for a given job.
- It can take in both PDF and word documents. Additionally, the ATS tackles the issue of missing keywords in resumes, a crucial aspect in optimizing job applications. I have used Gemini Pro and Streamlit as my chosen frameworks.

ACHIEVEMENTS/CERTIFICATES

Facial Expression Recognition with PyTorch

Coursera

Introduction to Machine Learning

Kaggle

Deep Learning with PyTorch

Coursera 2023

Fundamentals of Python

Kaggle