UZAIR NAEEM
Mechatronics & Control Engineer

Enthusiastic engineering graduate eager to launch my career as a Machine Learning Engineer, specializing in developing innovative solutions that leverage data science and machine learning.

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EDUCATION

B.Sc Mechatronics Engineering
University of Engineering & Technology
10/2018 - 06/2022

WORK EXPERIENCE

Jr. Data Scientist
StechAI
08/2023 - Present
Achievements/Tasks

- As a Jr Data Scientist at StechAI, I have taken on a more challenging role, specializing in Natural Language Processing (NLP) tasks. In this role, I have accomplished the following:
- Leveraged OpenAI models for NLP tasks, including resume parsing and job description question/answering.
- Utilized the spaCy library for tokenization, enhancing text processing and analysis capabilities.
- Implemented Qdrant DB for generating similar search results, optimizing information retrieval.

Trainee Associate Data Science
Programmers Force
02/2023 - 06/2023   *Lahore, Pakistan*
Achievements/Tasks

- As a Data Science intern at a leading tech company specializing in artificial intelligence, I gained hands-on experience in various aspects of data analysis and modeling. My responsibilities included working with large datasets, data preprocessing, and applying machine learning techniques.
- Utilized Python, Numpy, and Pandas for data cleaning, transformation, and preprocessing.
- Built and trained predictive models using Keras, TensorFlow, and PyTorch, including linear regression and neural networksn
- Gained practical experience in computer vision, leveraging OpenCV for image processing and analysis.
- Overall, my experience in Data Science provided me with practical experience and knowledge in various tools and technologies related to data analysis, modeling, and visualization. I believe that my skills and experience make me a valuable asset to any organization looking to develop and implement data-driven solutions.

TECHNICAL SKILLS

- Machine Learning Frameworks: TensorFlow, Keras, PyTorch, Scikit-Learn
- Web Frameworks: Django, Flask, FastAPI
- Docker
- NLP: NLTK, spaCy, Gensim
- Git and GitHub
- SQL
- Programming Languages: Python, C++
- Linux
- Data Structures
- Computer Vision: OpenCV
- Databases: MySQL, PostgreSQL, MongoDB, Vector Database (Qdrant)

PERSONAL PROJECTS

Handwritten Character Recognition using Transfer Learning on EMNIST Dataset

Image Denoising with Denoising Autoencoder

Image Segmentation with UNET

Object Detection with YOLO

Computer Vision Project: Loading and Displaying JSON Data as Bounding Boxes and Labels on Images

Data Science Project: Exploring and Analyzing Online Retailing Store Data

Time Series Forecasting: Predicting Future Global Temperature Trends

CERTIFICATES

Crash Course on Python
Coursera | Google

Data Science 2023
Programmers Force

Generative AI Fundamentals
Google Cloud Skills Boost

Machine Learning with Python
Coursera / IBM

NLP
Coursera / Deep Learning AI

INTERESTS

Sports   Travelling   Books Reading

Competitive Programming   Photography