Moin Raza Khatri

Aspiring Data Scientist

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Moin0509
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SUMMARY

Proficient in extracting meaningful insights through hands-on experience in data manipulation, statistical analysis, and machine learning. Committed to continuous learning and innovation.

TECHNICAL SKILLS

- **Programming languages**: Java, Python, SQL
- **Data Analysis Tools**: Pandas, Matplotlib, seaborn, Web Scrapping, NumPy, MS Excel
- **Visualization Tools:** Tableau
- **Machine Learning:** Regression, Classification, Clustering, Dimensionality Reduction
- **Deep Learning:** OpenCV, Image Processing, Convolutional Neural Networks, Natural Language Processing, Keras, TensorFlow

CERTIFICATES

- Complete Machine Learning and Data Science, GeeksForGeeks | Jul 2023
- Business Communication Skill Training, Internshala | Jun 2022
- Python (Basic), HackerRank | Sep 2023
- Introduction to Data Analysis using MS Excel, Coursera | Mar 2023

EXTRA-CURRICULAR ACTIVITIES

- Hostel Steering Committee | Vice President, Boys Hostel 5 (LPU) | 2023-24
- Competence- A Quiz competition on Communication Skills, LPU | 2023

INTERNSHIP

Intern   Mar '24 – Apr '24
CompWallah

- As a Data Science Intern at CompWallah, contributed to several machine learning projects aimed at solving real-world problems.
- One of the key projects involved developing a machine learning model for house price prediction, utilized linear regression, SVM, and random forest algorithms. Also, conducted thorough exploratory data analysis (EDA) and data visualization to gain insights into the dataset.
- Internship at CompWallah enhanced my skills in machine learning, data analysis, and project management in a professional setting.

PROJECTS

Object Classification using CNN   Apr '24
Domain: Convolutional Neural Network | Libraries: TensorFlow, Keras, OpenCV
- Employed Convolutional Neural Networks (CNNs) to classify objects using the CIFAR-10 dataset from Kaggle, achieving superior performance compared to other models.
- Preprocessed CIFAR-10 dataset, implemented Artificial Neural Network (ANN), DenseNet121, and CNN models using Python and TensorFlow/Keras, trained models, and evaluated their performance, with CNN emerging as the most effective.
- Gained expertise in CNNs for image classification, proficiency in TensorFlow/Keras, familiarity with the CIFAR-10 dataset, and improved skills in evaluating and selecting deep learning models for object classification tasks.

Face Detection and Manipulation   Mar '24
Domain: Image Processing, Computer Vision | Libraries: OpenCV, NumPy
- Implemented a robust face detection system using OpenCV to accurately identify faces in live video streams.
- Utilized OpenCV's HaarCascade classifier to detect faces in real-time video feeds, applying image processing techniques to enhance detection accuracy.
- Developed proficiency in OpenCV for image processing and computer vision, gaining valuable experience in real-time video processing.

DIY Instagram Filters   Mar '24
Domain: Image Processing, Computer Vision | Libraries: OpenCV, NumPy
- Developed DIY Instagram-like filters using OpenCV for live videos and photos.
- Utilized OpenCV for color manipulation, brightness adjustment, and filter replication, and applied Canny algorithm for image blurring and edge detection.
- Enhanced image processing skills, proficiency in OpenCV, creativity in filter design, and knowledge of computer vision techniques.

ACHIEVEMENTS
- State Rugby Player, Rajnandgaon, Chhattisgarh | 2016
- 5 Star HackerRank| Python, SQL | 2023

EDUCATION

B.Tech. in Computer Science (Data Science- ML and AI)   Apr '21 – Jul '25
Lovely Professional University |Phagwara, IN
Score: 76.5%

Higher Secondary   Jun '20 - Mar '21
Career Point world School |Bilaspur
Score: 87%

Senior Secondary   Jun ' 18- Mar '19
Yugantar Public School |Rajnandgaon
Score: 83.4%