Harsh Kumar Singh

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https://github.com/harsh43580

Summary

Curious and driven recent graduate with a passion for unraveling complex data stories through AI and machine learning. My journey into data science began with a fascination for patterns and insights hidden in numbers, leading me to develop innovative solutions that bridge technology and real-world applications. Skilled in Python and R, I thrive on tackling challenges with a creative mindset, whether it's building predictive models or crafting compelling visualizations. Eager to collaborate with forward-thinking teams to turn data into impactful decisions and drive meaningful change.

Skills

- **Programming Languages:** 0.5 cm Python, SQL
- **Machine Learning Frameworks:** TensorFlow, PyTorch, Scikit-learn
- **Data Manipulation and Analysis:** Pandas, NumPy
- **Visualization Tools:** Power BI, Matplotlib, Seaborn

Education

KIET Group of Institutions *Masters in Computer Application* Nov 2022 – July 2024

- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

University of Lucknow *Bachelors in Computer Application* Aug 2019 - June 2022

- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Projects

Deep Facial Recognition

- Developed a deep facial recognition system utilizing convolutional neural networks (CNNs) to accurately identify and verify individuals in images.
- Tools Used: Python, NumPy, Pandas, OpenCV

Image Classifier

- Built a deep learning image classifier using CNNs to categorize images with high accuracy. Utilized TensorFlow and Keras with data augmentation and transfer learning.
- Tools Used: Python, TensorFlow, PyTorch, OpenCV

House Price Prediction

- Created a house price prediction app using regression algorithms to analyze historical data and provide accurate price estimates.
- Tools Used: Python, Scikit-learn, Pandas, NumPy

Certifications

Python for Data Science: Udemy

Machine Learning A-Z: Udemy