Anushka Shekhawat

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A student in computer science with experience implementing machine learning and deep learning models to build solutions in the fields of computer vision and natural language processing. Eager to gain practical experience and contribute to projects in a challenging and dynamic environment.

EDUCATION

High School Diploma - Science (PCM)
Jayshree Periwal High School, Jaipur
XII : 92.2%
X : 94%

Bachelor of Engineering (B.E.) - Computer Science Engineering specialization in Artificial Intelligence and Machine Learning   Jul 2022 - Jun 2026 (Expected)
Chandigarh University, Mohali
CGPA : 8.79

PROJECTS

Drone Image Segmentation using Unet++
A computer vision project for the segmentation of drone images. It explores various image segmentation model architectures like Unet with Resnet encoder, Unet++ with different encoders, Pspnet, FPN.

Sentiment Analysis on IMDB Reviews
Employed deep learning, natural language processing techniques to analyse sentiments of IMDB movie reviews. Used GloVe embedding and transfer learning for better outcomes.

Taxi Fare Prediction
Used various EDA techniques on the New York Taxi Fares Dataset to gain insights. Developed a stacked ensemble model to predict the taxi fares.

Adaboosting With KNN
Developed an algorithm to maximize the potential of the classic K Neighbors algorithm with AdaBoost ensemble learning.

SKILLS

- **Programming Languages :** Python, C, C++, Javascript
- **Machine Learning Frameworks :** TensorFlow, Keras, Scikit-learn
- **Domains :** NLP, Computer Vision, Data Science, Artificial Neural Networks, Image Processing
- **Generative AI :** LLM (large language models), Stable Diffusion
- **Techniques :** Predictive Modeling, Clustering, Ensembling, Data Analytics
- **Data Visualization & Tools :** Matplotlib, Seaborn, Git, Github, OpenCV, Kaggle
- **Computer Science :** Data Structures, Algorithms
- **Soft Skills :** Public Speaking, Negotiation, Excellent Communication Skills

CERTIFICATIONS : Andrew Ng's Machine Learning Specialization
LANGUAGES : English, Hindi
HOBBIES : Participating in hackathons, Art, Music, Content Writing