AMARJEET KUMAR

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OBJECTIVE

I am an P.G.D.C.A Post Graduate with completed 6 months Internship in Artificial Intelligence and Machine Learning from NIELIT with collaboration of IIT Ropar and looking forward to work for an organization which nurtures professional growth with a right mix of challenges, exposure, learning opportunities and career development.

EDUCATION

PGDCA — Government College, Ropar (2024) Marks: 65.5%

Graduation — Government College, Ropar (2023) Marks: 65.01%

SKILLS

- Python
- OpenCV
- Flask
- HTMLS, CSS3
- NumPy, Pandas
- Scikit-Learn
- Data Analysis
- MS Office

PROJECTS

Object Detection Model: Developed a computer vision model to detect and localize objects in images using deep learning techniques. Trained on custom datasets and implemented using CNN-based architectures for accurate object identification. Stack: Python, TensorFlow/Keras, OpenCV, NumPy.https://huggingface.co/spaces/Amarjeetkumar/Objectdetect

- Face Detection System: Built a face detection model capable of identifying human faces from stored images. Implemented using Haar Cascade and deep learning-based methods to ensure robust detection across various conditions. Stack: Python, OpenCV, NumPy.https://huggingface.co/spaces/Amarjeetkumar/Facedetect1
- Web Scraping — Indian & International News: Smart Heading Scraper is a simple web-based tool that automatically extracts headings (H1, H2, H3, etc.) from any website. The user just needs to enter a website URL and select the required heading level, and the tool instantly displays the extracted headings.https://huggingface.co/spaces/Amarjeetkumar/Scraping
- This project is based on web scraping concepts and is useful for SEO analysis, understanding website content structure, and website auditing. It saves time and eliminates the need for manual inspection of web pages.
- Patient Data Analysis: Conducted comprehensive data analysis on a medical patient dataset. Performed data cleaning, statistical analysis, visualizations, and extracted basic ML insights from the healthcare data. Stack: Python, Pandas, NumPy, Matplotlib.

  Additional Mini Projects: Worked on multiple small-scale experiments and model-building tasks during AIML coursework, including data preprocessing pipelines, model evaluation techniques, and exploratory analysis on various datasets. Stack: Python, NumPy, Google Colab.

TRAINING & INTERNSHIP

- Artificial Intelligence and Machine Learning (6 months at NIELIT Ropar with IIT Ropar collaboration).
- Programming Essentials in Python (Cisco Network Academy).