Vaibhav Pant

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Education

Chandigarh University	Mohali, Punjab
Bachelor of Technology in Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning; CPI: 7.42*	*2021 - 2025*
Bhartiyam International School	Rudrapur, Uttarakhand
Intermediate: 76.6%	*2019 - 2021*
Birla Vidya Mandir	Nainital, Uttarakhand
Matriculation: 85.6%	*2014 - 2019*

Projects

Movie Recommendation System: *May, 2023*

- Developed a collaborative filtering-based recommendation system using Python and scikit-learn.
- Processed and analysed movie rating data to provide personalized movie recommendations.
- Developed a webapp for GUI with API form themoviesDB.

Hindi Text Summarization: *August, 2023*

- Implemented an automatic text summarization system for Hindi language content using the mBart model.
- Successfully reduced lengthy Hindi texts into concise and coherent summaries.
- Demonstrated proficiency in working with state-of-the-art NLP models.

Hand Gesture Tracking System: *November, 2022*

- Designed and implemented a real-time hand gesture tracking system using computer vision and deep learning.
- Utilized OpenCV and TensorFlow for image processing and model training.

Skills

Programming Languages: Python (Proficient), Java (basics), C/C++(Intermediate)
AI/ML Frameworks: TensorFlow, PyTorch, scikit-learn
Data Analysis: Pandas, NumPy
Web Development: HTML, CSS, JavaScript (Basic), Django, Flask
Tools: Jupyter Notebook, Git, Docker
Data Visualization: Matplotlib, Seaborn
Database Management: SQL
Operating Systems: Linux, Windows

Achievements

- Level 4 user in StackUp
- 100+ problems solved Codechef, Leetcode, Hackerank
- National-Level Taekwondo Player