

Nilesh Popli

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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Sep, 2020 - Jun, 2024	B.TECH in Computer Science	Graphic Era University Dehradun	9.63/10.00 GPA
2020	12, C.B.S.E	Delhi Public School, Ranipur	93.00 %
2018	10, C.B.S.E	Delhi Public School, Ranipur	89.20 %

PROJECTS

- **Classifying movies from Posters, Reviews & Plot** (Jan, 2023 - Feb, 2023) : Creating project from scratch, by scraping data, reviews, posters from IMDB of 10k+ movies. Classifying Genres from Posters using Neural Networks, Genre from Plot using TF-idf vectorizer and Ratings from Reviews using Bag-of-Words.
- **Opinion Mining of Movies** (Nov, 2022 - Dec, 2022) : Scraping reviews of more than 1000 movies and analysing their sentiments w.r.t. to its respective reviews both with fine grain and course grain classification, such as genre w.r.t. decade based sentiments, production studio based sentiments, etc
- **Cartoonifying an Image** (Jan, 2023 - Jan, 2023) : Developed a python based application with GUI, which creates a cartoon image. Image could be uploaded from device or clicked from camera. More filters such as brighten image, sharpen image etc, can also be applied to the image as the the user.
- **Multiple User Chat Application** (Jan, 2022 - Feb, 2022) : Developed a python based application with GUI, where multiple users can interact with each other, following the client-server architecture of networking, also implementing the concept of multi-threading.
- **Music Recommender System** (Jun, 2022 - July, 2022) : Developed a Music Recommender System in python, which recommends on 3 basis, i.e. Content based, Popularity based and Collaborative Filtering.
- **Heart Disease Detection** (Mar, 2022 - May, 2022) : Implemented Supervised Learning algorithms to predict Heart Disease, and find out the best model by comparing accuracy. EDA also done.

TECHNICAL SKILLS

- **Languages:** Python (proficient), C++ (proficient), C (proficient), Java (proficient), Javascript, HTML, SQL.
- **Data Science/Data Analysis/Deep Learning/Machine Learning:** Python/R, Data Visualisation, Supervised/ Unsupervised Learning Algorithms, CNN,, ANN, GNN, RNN, Feature Selection/Extraction, etc.
- **Packages/Tools/Frameworks:** MATLAB, scikit-learn, tensorflow, pytorch, keras, beautifulsoup, Pyspark, Selenium, \LaTeX , SciPy, Matplotlib and Seaborn, etc.
- **Mathematics for ML/DL:** Algebra, Probability, Statistics, Permutations & Combinations, Calculus, etc
- **Devops:** Git, Jenkins, Docker.

SCHOLASTIC ACHIEVEMENTS

- Secured 3rd rank in Logic Aptitude competition, Brain Freezer in IInd year B.TECH.
- Solved 400+ questions on Leetcode.

POSITIONS OF RESPONSIBILITY

- **Volunteer, ACM Student Chapter** Active volunteer for various events conducted by ACM student chapter, Graphic Era University
- **Organising Member of TEDxGraphicEraUniversity** Member of organising team of Graphic Era's first TEDx event.
- **Member, HelpingHandsForSpeechless** Active member of NGO for animals, organised and managed various animal feeding and Vaccinating Drives.
- **Member, HendsFoundation** Active member of environment NGO, Hends Foundation.