

Ayushi Uniyal

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EDUCATION

Graphic Era Hill University, Dehradun

September 2022 - Present

B.Tech. in Computer Science

CGPA: 8.8/10.0

Kendriya Vidyalaya IIP, Dehradun

2022

12th

Percentage: 90%

Kendriya Vidyalaya IIP, Dehradun

2020

10th

Percentage: 92%

PROJECTS

Memory management Simulator — *React.js*

March 2025-April 2025

- Developed a web-based memory management simulator application using react.
- It implements first fit, best fit and worst fit algorithms.
- It shows statistical and comparative analysis for the 3 algorithms side by side by allowing you to create memory block sizes of your own choice.

API Powered Movie Recommender — *Python, Scikit-Learn, API*

November 2024

- Designed a content-based movie recommendation system using cosine similarity to provide accurate recommendations.
- Integrated tmdb API to dynamically fetch movie data and incorporated user-input data into the dataset for continuous learning and adaptability.

Mobile Price Prediction — *Python, Scikit-Learn*

July 2024-Oct-2024

- Developed a machine learning model to predict mobile price categories using five different algorithms.
- Logistic Regression performed the best providing an accuracy of **95.5%**.
- Wrote a research paper analyzing performance of algorithms.

TECHNICAL SKILLS

- **Languages** : Python , C , C++ , Java , SQL, HTML, CSS, Javascript
- **Machine Learning** : Linear Regression, Logistic Regression, Decision Trees, Random Forests, K-Nearest Neighbors
- **Computer Science Fundamentals** : Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Computer Networks, Complexity Analysis
- **Database Systems** : Relational Databases (MySQL)

SCHOLASTIC ACHIEVEMENTS

- **PwC Launchpad** - Selected for PwC Launchpad - Data Analytics and AI Program(18 weeks)
- **Coding Train** - Secured 1st rank in a coding competition in 1st year B.TECH and received a cash prize of INR 2000.