Priyanshu Choudhary

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Education

- **Graphic Era Deemed To Be University(GEU), Dehradun** — Uttrakhand, India
  Bachelor of Technology - Computer Science and Engineering; GPA: 9.42/10 — *September 2020 - Present*

- **Anand Swaroop Arya Saraswati Vidhya Mandir** — Roorkee, India
  Class 12, Central Board of Secondary Education (CBSE); Score: 94.4% — *May 2019 - April 2020*

- **Anand Swaroop Arya Saraswati Vidhya Mandir** — Roorkee, India
  Class 10, Central Board of Secondary Education (CBSE); Score: 88.5% — *May 2017 - April 2018*

Projects

- **Real Time Face Emotion Recognition** | ⚙ *GitHub* — *Group Project*
  (Python, Machine Learning, Deep Learning, Transfer Learning, Open-CV, HTML, CSS, Flask)
  - **Objective:** This project aims to analyse and interpret the subtle changes in facial features and movements to determine the underlying emotional states of individuals.
  - This system has an accuracy of 76% in Training and 74% in Testing.

- **Hand-Written Digit Recognition Using Air Canvas** | ⚙ *GitHub* | 🔗 *Demo* — *Self Project*
  (Python, Machine Learning, Deep Learning, OpenCV)
  - **Objective:** The objective of digit recognition using air canvas is to develop a system that can accurately identify and interpret hand-drawn digits in the air. This system allows users to draw digits on air canvas with their fingers.
  - This system monitors real-time movement of user's fingers using camera. It process the visual data captured by the camera and predict the digit which is most similar to the digit drawn by the user with an accuracy of 98.4%.

- **Movie Recommendation System** | ⚙ *GitHub* | 🔗 *Link* — *Group Project*
  (Python, Machine Learning, HTML, CSS, Flask)
  - **Objective:** The objective of a movie recommendation system is to provide personalized and relevant movie suggestions to users based on their preferences.

Technical Skills

- **Languages:** C/C++(Extensive), Python(Intermediate), Java(Mild)
- **Database:** MYSQL
- **Web Technology:** HTML, CSS, Javascript, JQuery, JSON, PHP
- **Machine Learning:** Classification, Regression, Clustering
- **Deep Learning:** Tensorflow, Keras
- **Data Visualization:** Matplotlib
- **IDE:** Visual Studio, Code Blocks, Jupyter Notebook
- **Operating System:** Windows, Linux

Certification

- **Accelerated Computer Science Fundamentals**   **Link**: https://coursera.org/verify/specialization/3K4QWGDTENS5
- **Mastering Data Analysis with Pandas**   **Link**: https://coursera.org/verify/3PTJPN8TKEK9

Achievements

- **Solved 800+ Questions Based on Data Structures on LeetCode**
  LeetCode Profile Link :: https://leetcode.com/Coder211/

- **CodeChef 3 stars : Max Rating 1706**
  CodeChef Profile Link :: https://www.codechef.com/users/curiouscoder21
  - **Secured a Global Rank 174 in CodeChef starter 60 .**

- **CodeKaze All India Rank 425 In Round 2.** | 🔗 **Certificate**

- **Secured Rank #1 in Turbo C++ Coding event.**

- **Secured Rank #2 in Tech Roadies Coding event.**

- **Secured Top #5 Rank In Tech Wizard Mega IT event.**