ANANT MISHRA

Thapar Institute of Engineering and Technology

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EDUCATION

Thapar Institute of Engineering and Technology   **Sep-2020 – Present**
B.Tech - CGPA - 9.4/10   *Punjab, India*

Higher Secondary School   **May 2020**
12th Board - Science - Percentage - 95.4%   *Vrindavan, U.P.*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Data Science
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept

PROJECTS

Finger Spell ⧉ | OpenCV, Mediapipe, Scikit-learn Tensorflow   **Jan 2022**
- Indian Sign Language interpreter with testing accuracy of 99.04% for ISL digits using **Random forest classifier**.

Road Sign detection ⧉ | YOLOv5, Roboflow, Kaggle   **May 2022**
- Developed a **YOLOv5 model** for detecting road signs tested on both image and video dataset.

Hash hunt ⧉ | OpenCV, Image Hashing   **Nov 2021**
- **Image search engine** based on DHASH **image hashing** algorithm.

Image color transfer ⧉ | OpenCV, Numpy   **April 2022**
- Implementation of color transfer algorithm for transferring color textures between images.

OTHER PROJECTS

Car price predictor ⧉ | Scikit-Learn, Flask   **April 2022**
- Developed Machine learning model using Random forest regression to predict price of old cars based on their purchase date, previous owners etc.

Document Scanner ⧉ | OpenCV, CVision   **April 2022**
- Created Document scanner using OpenCV and contour detection.

TECHNICAL SKILLS

Languages : Python, C, C++
Database : Oracle SQL, PLSql, SQLite3
Developer Tools: VS Code, Sublime Text, Roboflow, GitHub, Git,
Technologies/Frameworks: Linux, Flask, Django

EXTRACURRICULAR

- NCC Cadet (2018 - 2020), took part in singing competition and debates in cultural fests.
- Second round runner-up in Inter-school chess competition.