



Hrithik Nigam

Undergrad Student

With a fervent passion for the IT realm, an unwavering commitment to perfection, and a strong desire for organization, I aspire to carve out a fulfilling career in a distinguished organization where knowledge and advancement go hand in hand. My journey has been enriched by the privilege of serving as a mentor at MU-GDSC.

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EDUCATION

B.Tech.(Computer Science and Engineering)

Medi-Caps University, Indore, M.P.

2019 - 2023

8.8 CGPA

SSC

Sarla Higher Secondary School, Maihar, M.P.

2016

10.0 CGPA

HSC

Gurunanak Mission Higher Secondary School, Maihar, M.P.

2016 - 2018

71.4%

PROJECTS

Image Classification(MRI and X-ray scans)(python)

SmartKnower

Features

- Support Vector Machine for image classification
- GridSearchCV for hyper parameter tuning
- User friendly interface with instructions and options

Covid-19 Report with forecast(python)

SmartKnower

Features

- Full-scale analysis of worldwide data on Covid-19 pandemic
- Visualization using Tableau Software for Map charts and Trend analysis
- Forecasting using FbProphet for next 30 days

Treasure-Hunt(C++)

4th Semester

Features

- Implemented 3 games in various combinations
- Uses OOP concepts for the code

Cloud Based Face Attendance(python)

Final year project

Features

- Based on CV2 library of python
- Adopts an effective and efficient method of facial recognition
- Adopts HOG technology
- Stores attendance in S3(AWS storage service)

SKILLS

Python

C/C++

Machine Learning

Artificial Intelligence

JavaScript

HTML

CSS

Data Science

SQL

Teamwork

Problem-Solving

Communication

Creativity

Adaptability

PERSONAL PROJECTS

Push-up Counter(python)

- Based on Google's Mediapipe library and OpenCV in Python
- Scans body landmarks to detect activity

House Price Prediction(python)

- Based on Random Forest technique.
- Implements a web-app using Flask.

CERTIFICATES

Data Science for Engineers(Elite)

NPTEL(Swayam)

Introduction to Tensorflow for AI, ML and DL

DeepLearning.AI(Coursera)

HTML Level 1

Cambridge Certification Authority

CSS Level 1

Cambridge Certification Authority

JavaScript Level 1

Cambridge Certification Authority

jQuery Level 1

Cambridge Certification Authority

Python for Everybody(Getting started)

University of Michigan through Coursera

Python Data Structure

University of Michigan through Coursera

INTERESTS

MUN Conferences

Classical Literature

Thriller/Horror books

Nature Exploration

Baking