C. Sri Krishna Harshith

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https://github.com/ByteTrooper

Education

IIITDM Kancheepuram — Chennai, TN
Bachelor of Technology in Computer Science and Engineering — *Dec, 2020 – present*
CGPA : 8.82

Narayana Junior College — Hyderabad, Telangana
Intermediate in MPC — *May, 2018 – May, 2020*
Passed Out with 967/1000

Sri Chaitanya High School — Kukatpally, Telangana
Schooling — *June, 2012 – March, 2018*
CGPA : 10

Projects

Web-Based-Image-Editor| *HTML5, CSS3, JS* — Currently working on

- Implemented artistic filters, color adjustments, cropping, rotating, resizing, exposure adjustments, and blur filters. Led the implementation of seamless editing experience and intuitive user interface.
- Integrated tools for stunning effects, exposure adjustments, and depth with blur filters. Enabled precise composition and optimal presentation through cropping, rotating, and resizing functionalities.

Virtual-Background-Changer | *Open CV, Python* — May 2023

- The virtual background changer project is a sophisticated digital image processing system that utilizes advanced segmentation techniques, and a pre-trained neural network.
- Users can then replace the background with any image or video of their choice, providing a seamless and professional virtual background .

Hate-Speech-Recognition-in-text-data | *Python* — Mar 2023

- Developed a hate speech recognition system using decision trees and Kaggle data, achieving high accuracy in identifying instances of hate speech.
- Implemented feature extraction techniques to preprocess the dataset, including extracting relevant words, phrases, and contextual information to enhance the decision tree algorithm's performance.
- Utilized the intuitive structure and categorical data handling capabilities of decision trees to effectively classify hate speech instances

Spotify Song recommendation | *Python(Jupyter Notebook)* — Dec 2022

- It is a data science project in which we train the algorithm with train data set and it suggests songs using test data
- Description : We can see the liking of a person using K means clustering and tell how likely the person finds a particular song interesting
- Project Features includes Data collection , Data Understanding by Visualization and EDA , Clustering Genres with K-Means , By calculating the cosine distances between the mean vector of the input songs and the features of all songs in the dataset, the algorithm is able to identify the songs that are most similar to the input songs in terms of their audio features.

Technical Skills

Languages: Python, C/C++
Web Development : HTML,CSS, JS
Skills: Data Structures and Algorithms, Data Visualization, Data Analysis, Modelling
Developer Tools: VS Code
Libraries: Pandas, NumPy, Scikit packages
Cloud services : AWS

Achievements

- Innovation Challenge Achievement: Qualified in the Ehipassiko Industry Open House Innovation Challenge, competing out over 200 teams with a potential startup idea aimed at addressing market issues.
- Academic Excellence: Achieved the highest GPA in Semester 1, scoring 9.7 out of 10, among the entire batch.
- College Fest Leadership: Led a team of 6 members in various competitions at prestigious college fests such as IIT Mumbai, IIT Chennai, and NIT Trichy, representing the college and showcasing our skills and talents.

Roles of responsibility

- Art Club Leadership: Held a key leadership role in the IIITDM Kancheepuram Art Club for over a year, conducting numerous art workshops and engaging the crowd with fun activities.
- Photography Club Coordination: Demonstrated strong organizational skills as the coordinator of the Photography Club, effectively covering and documenting multiple fests and events.
- Event Decor Team Lead: Took on a leadership role as the Decor Team Lead for Samgatha and Meraki, the cultural fests of IIITDMK, working tirelessly for several nights and contributing to the successful execution of the event.

Extracurricular

- College-Level Athletics: Excelled as a competitive badminton player, earning a doubles medal in a college-level tournament.
- Endurance Athlete: Successfully completed a 5KM run in the Durgam Cheruvu'22 marathon.
- DOP in shortfilmsFilm Production Experience: Served as Director of Photography for short film projects, demonstrating exceptional skills in creative direction and visual storytelling.
- Social and Self-Management Skills: Proactively seek opportunities to explore new destinations, meet diverse individuals, and confidently navigate unfamiliar environments.