Harsh Chitnis

Python Developer

Summary

I am a Third year Electronics and Computer Science student passionate to grow my skills in creating modern and user-friendly websites.. I'm enthusiastic in learning different skills. I am skilled in Python, java and c. i am currently learnign more about all the different ML and DL applications of Python mostly geared towards astronomical data.

Experience

Python Course by IIT MADRAS

GUVI IITM 2021

Education

ICSE:
VPMS Orion ICSE school, Mumbai

2009 - 2019
overall 93% **HSC:**
Nirmala Memorial Foundation College of Commerce & Science, Mumbai

JULY 2019 - MAY 2021
(PCM with Bifocal Computer Science | May 2021 92%)

BE in Electronics and Computer Science:
Fr Conceciao Rodrigues college of Engineering , Mumbai
2021-2025
Present

Skills

- HTML
- JavaScript
- CSS
- Python
- Opencv
- Machine learning
- Photography
- SQL
- Responsive Design

Projects

Portfolio Website

Created a personal portfolio website to showcase my web development skills and projects.

Astronomy webapp

In the development of the astrometry webapp we learnt the concepts of html css and javascrpit basics. we used multiple api to interact with various web based services. one of them was a weather api this gave us the weather data for the current date as well as the weather forecast for the next 5 days. this wether data will be used to predict when the night sky will be clear and it would be the best time to view or photograph the stars and night sky. the second part of this project consisted of a astrometry plate solving api, this api took in images of the night sky and returned anotated copies which indicated us all the positions of different stars, which portion of the sky it was taken from and much more data. This helped us create a system that would cater to the needs of astrophotographers and viewers.

Autonomous Control System

As a junior member in the team vaayushastra i was a meember of the avionics department and more specifically the ACS depratment, here we developed the algorithm for the autonomous landing and flight for a small aircraft, all computations were to be done on a raspberry pi microprocessor board