Viraj Ashar

Consistently curious to acquire a knowledge, and self-motivated

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EDUCATION

Bachelor of Technology
Marwadi University

06/2019 - 06/2023   *CGPA :- 9.15*
Courses
- Computer Science And Engineering

Higher Secondary
Shakti School

06/2017 - 06/2019   *Rajkot*

PERSONAL PROJECTS

Cursor control using face gestures
- Technology used : Python
- Library : OpenCv, numpy, dlib, imutils, pyautogui
- In this project, the user can perform the mouse action using their facial gestures. We can right click by blinking the right eye, left click by blinking the left eye, scroll by squinting eyes, enable/disable the action by opening the mouth, and moving the cursor using the tip of nose in different directions.
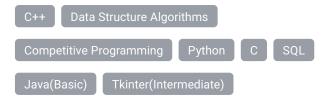
Harry Potter's Invisiblity Cloak
- Technology used : Python
- Library : OpenCv, numpy
- It makes the wearer/user invisible. It works using the concept of converting the frame to HSV and mask it with the required color and image.

TIC-TAC-TOE
- Technology : C++
- There are 3 difficulty level given to the game. And it stores the history of all the played games. We can update as well as delete the history. And a user friendly output is also given by making the text colorful and making the tic-tac-toe board in a distinct way.

SKILLS

C++ | Data Structure Algorithms

Competitive Programming | Python | C | SQL

Java(Basic) | Tkinter(Intermediate)

ACHIEVEMENTS

HackerRank C++ : 5 star(Gold)

HackerRank Problem Solving : 5 star(Gold)

HackerRank C : 4 star(Silver)

CERTIFICATES

Mind Controlled Robotics held by IITB

LANGUAGES

English
Professional Working Proficiency

Hindi
Full Professional Proficiency

Gujarati
Native or Bilingual Proficiency

INTERESTS

ML | AI | Game Development | Computer Vision

AR | VR | App Development