

HARSHIT ROY

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About Me

From the moment I created my first terminal calculator, I knew I was hooked into python programming. But programming has never been “just a job” for me, it’s offered an engaging challenge to continually learn and improve my skills in new and exciting projects. What started with a terminal calculator has become a full-fledged passion that only gets more exciting as the years go by.

My Passion was also supported by my community on both Youtube

(<https://www.youtube.com/@Iknowpython>) and Instagram

(https://www.instagram.com/i_know_python)

Below you will find some projects I have completed that showcase my skills and general background in python programming.

Qualification

Bachelor of technology from United college of engineering and research, Prayagraj with I-Division

Year of passing : 2021

Experience

3D first Person Shooter Game

Using Ursina I created a simple 3-D game with multiple 3D models including multiple Weapon, enemies etc

Code:

<https://github.com/harshitroy2605/Ursina-first-person-shooter>

Gui Chat application

Using Tkinter I created a chat application for same network system, it also has features like login system, spam classification etc

Code:

https://github.com/harshitroy2605/GUI_chat_application

Highlights

- python programming language
- Git and GitHub
- Worked on various python modules; pygame, OpenCV, pillow, Selenium, Tkinter, pyautogui, NumPy, pandas, kivy multiple Arduino sensors etc.
- Working on API and handling its json data

Skills

- Understanding user requirement
- Logical Problem Solving
- Understanding things from Tutorials and Documentation

Twitter auto like automation

Using Selenium and pyautogui I created a python program that logs in with provided credentials and then automatically like tweets from selected hashtag

Code:

https://github.com/harshitroy2605/twitter_bot

Intruder detection using OpenCV

Using OpenCV and a few other libraries I created an intruder detection system that compiles all the human faces that appear in camera into a video.

Code:

https://github.com/harshitroy2605/intruder_detection

GUI hotel management system

Using Tkinter and sqlite3 I created a GUI hotel management system.

Code:

<https://github.com/harshitroy2605/tkinter-project>

News Update Android App

Using Kivy and python I created a simple android application that fetches and displays current news

Code:

<https://github.com/harshitroy2605/Ursina-first-person-shooter>