

# Chirag Singh

Problem solver, Quick Learner, FireFighter

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## EDUCATION

### NIET GREATER NOIDA

#### INFORMATION TECHNOLOGY

##### AKTU

- PASSING YEAR : 2022
- PERCENTAGE : 70.77%
- SGPA : 7.78

### KENDRIYA VIDYALAYA NOIDA

#### INTERMEDIATE

##### CBSE BOARD

- PASSING YEAR : 2018
- PERCENTAGE : 65%
- CGPA : 6.84

### KENDRIYA VIDYALAYA NOIDA

#### HIGH SCHOOL

##### HOME BOARD

- PASSING YEAR : 2016
- PERCENTAGE : 76%
- CGPA : 8

## LINKS

- GitHub://chiragrawat12
- Linkedin://chiragrawat12
- HackerRank://chiragrawat12

## COURSE WORK

### UNDERGRADUATE

- Data Structures & Algorithms
- Design and Analysis of Algorithm
- Web Designing
- Computer Programming
- Object-Oriented Programming
- Database Management Systems
- Operating Systems

## SKILLS

### LANGUAGES

PYTHON, C, C++, HTML, CSS,  
JAVASCRIPT, JQUERY

### TOOLS

MS OFFICE, Git & GitHub

### IDE'S

VS CODE, PYCHARM, SPYDER,  
JUPYTER NOTEBOOK, TURBO C++,  
DEV C++

### OPERATING SYSTEMS

WINDOWS, LINUX

### GENERAL

ALGORITHMIC THINKING, PATIENCE,  
ACTIVE LISTENING,  
WILLINGNESS TO LEARN

## INTERESTS

LEARNING SOMETHING NEW,  
PROBLEM SOLVING, MUSIC

## EXPERIENCE

12 - 26 August ,2020

### FREELANCE DESKTOP APPLICATION DEVELOPER, FIVERR.COM

- Made a Desktop Application using Python for Client from United States.
- Client wanted a GUI app that can scrape Transcript(Captions/Subtitles) as well as data of the Youtube videos.
- And he also wanted to schedule that data to update time to time automatically.
- Everything is done by me in this project.
- I have explained this project little bit more in Projects Section.

## KEY PROJECTS

### BLOGGING WEBSITE, USING PYTHON/FLASK

- This Project is on Full Stack Web development with Python.
- I have used pure CSS and vanilla Javascript because I wanted to apply my all knowledge of frontend and backend through this project.
- In backend I have used Flask which is Python's Micro Framework.

[Click here to see the project](#)

[Click here to see the source code](#)

### TRANSCRIPT SCRAPER GUI, USING PYTHON/TKINTER - May, 2020

- This GUI App Scrape Transcripts of Youtube videos with their details like: Thumbnail, Title, Description, Upload date.
- I used Tkinter which is a python module and used Youtube api to scrape data.
- We can search videos by using single or multiple(seperating by comma) keywords, channel name or by URL and can add youtube filters like sort by.
- One more feature is to set schedule and schedule will recheck for the new videos available with same searched phrase after given number of days then it scrapes the content of new uploaded video in same search.
- There is also have an option to see the log in which you can see the searched phrases , searched date , schedule etc. And also you can update, add and delete them.
- We can also see all captured video and skipped videos(video is skipped if transcript is not available on youtube) by clicking on the buttons named show captured and show skipped.

[Click here to see the project \(.exe file with its source code\)](#)

### COOKIE CLICKER BOT, USING PYTHON/SELENIUM - June, 2020

- In this Project I have used Selenium module of python to make bots to click cookies as many times we want.
- Cookie clicker is a simple game in which player has to just click on the cookie as many times player can.
- And player gets point on clicking the cookie from which player can buy something like an extra clicker for the cookie.

[Click here to see the project](#)

### IMDB SCORE SCRAPER, USING PYTHON/BEAUTIFULSOUP - May, 2020

- In this Project I have used BeautifulSoup module of python to make a Scraper to extract elements of html content.
- This program needs a movie name from user and it searches the IMDB score of the movie.

[Click here to see the project](#)

## CERTIFICATIONS

- [PYTHON FOR DATA SCIENCE](#), FORSK CODING SCHOOL, JAIPUR - April, 2020
- [USING PYTHON PROGRAMMING](#), FORSK CODING SCHOOL - April, 2020
- [PYTHON PROGRAMMING - A PRACTICAL APPROACH](#), ICT ACADEMY, IIT KANPUR - June, 2020
- [INTRODUCTION TO DATA SCIENCE IN PYTHON](#), UNIVERSITY OF MICHIGAN - July, 2020
- [FUNDAMENTALS ON GIT, TWO WAITS](#) - July, 2020
- [PYTHON BEGINNER QUIZ, BIG SHYFT](#) - September, 2020