Kunal Kumar Sahoo

Student, Tinkerer

I am currently a full-time Student and a part-time YouTuber whose main skill-sets are Software Development in Python3 language.



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EDUCATION

Grade 12

Kendriya Vidyalaya No. 1, Gandhinagar

04/2020 - Present

Courses

- Computer Science
- Chemistry
- Physics
- Mathematics

English

PERSONAL PROJECTS

iCompanion:Assistance Made Simple (08/2020 - 01/2021)

- A cross-platform Desktop Assistant which automates various tasks and improves the user experience of both Amateurs and Professionals
- Technology used: Python3, MySQL, Wolfram Alpha

e-Piano (04/2021 - 04/2021)

- A virtual simulator for Piano, where audio files are generated using sequence of Piano notes with the help of "Fundamental wave theory".
- Technology used: Python3

Apna Code Editor (03/2021 - 04/2021)

- A simple GUI Code Editor capable of writing, editing and executing Python3 programs.
- Technology used: Python3, Tkinter

Real Time ISS Tracker (12/2020 - 12/2020)

- A GUI Interface to track current location of International Space Station and determine ETA at user's real time location
- Technology used: Python3, APIs

PySQL (02/2021 - Present)

- A simulator for MySQL processes and user-interaction in Python
- Technology used: Python3, MySQL

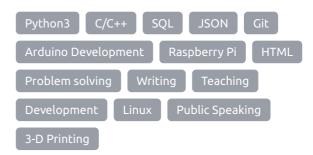
GUI-Hanoi (12/2020 - 01/2021)

- A visual demonstration of how "Tower of Hanoi" is solved using the concepts of Recursion
- Technology used: Python3, Tkinter, Turtle

Face-Mask-Detection (03/2021 - 03/2021)

- A machine learning project to check whether a person is wearing mask or not.
- Technology used: Python3, Tensorflow, Mobile-Net V2

SKILLS



ACHIEVEMENTS

Gold Badge in Python Proficiency (04/2021 - Present)

I have received Golden badge for Python-proficiency on online platform HackerRank.com and have a cumulative rank of 89k

CERTIFICATES

Al-For-India Event (04/2021 - Present)

This is the certification of my successful completion of **Face-Mask-Detection System**.

Robocup Jr Chapter India (12/2017 - Present)

Represented Gujarat State for development of automated Rescue-bot

NATIONAL CYBER OLYMPIAD (2018 - Present)

Secured All-India Rank 49

Merit Certificate for Class 10 (2019 - 2020)

Secured a full score in Mathematics in **All India Secondary School Examination** 2018-19

LANGUAGES

English

Hindi

Full Professional Proficiency

Professional Working Proficiency

Odiya

Elementary Proficiency

INTERESTS

Programming

Project Development

Teaching

Content Creation