

# KRITIKA SRIVASTAVA

- Address:- F-122, Alpha-2, Greater Noida
- [kritika.s1408@gmail.com](mailto:kritika.s1408@gmail.com) ○ (+91)9810140671



## EDUCATION

### National Institute of Technology (NIT) Hamirpur

July 2018 - May 2022

Bachelor's in Technology

CGPA: 9.23

Department of Electrical Engineering

### St. Joseph's School, Greater Noida

ISC (XII) Board Examinations -2018

Percentage: 91.20

ICSE (X) Board Examinations-2016

Percentage: 93.40

## TECHNICAL SKILLS

### Programming Languages

Java, Python, C++

### Tools & Frameworks

VS Code, IntelliJ Idea, Android Studio, SikikitLearn, Tensorflow, Git

### Familiar

Neural Networks, Android app Development, Data Science, OpenCV

### General

Data Structures, Algorithms, OOP, STL, PyQt5, Jupyter Notebook, APIs, NumPy Arrays, Pandas, Keras, SQL, HTML

## CERTIFICATIONS

- Scientific Computing with Python [FOSSEE IIT Bombay] Issued – Dec 2019
- Robotic Process Automation [By Guvi, UI- Path] Issued - May 2020
- Python For Data Science [By IBM, Coursera] Issued - May 2020

## PROJECTS

### COMPLETED:

- **Procedural City Generation-**

- WINNING PROJECT OF ELECTROTHON 2020 [NIT Hamirpur]**

An image processing project to develop a complete city from black-white image of the ecological density of an area with 2-D map and 3D visualization in blender. **Technical Stack**-Python, PyQt5, Blender, NumPy

- [Random Password Generator](#)-A python-based Password generator GUI to generate password based on different difficulty level. **Technical Stack**-Python, PyQt5, QtDesigner
- [QR Code Reader and Scanner](#)- **Technical Stack**-Python, Pyzbar, pillow
- [Webpage Scrapping](#)- Scrapping the google Places reviews using the google PlaceID and Google API key.
- [Number Sequence Predictor](#)- To predict the next numbers in sequence of an AP or a linear regression.
- [Tic-Tac-Toe](#)- A console-based game based on java.
- [Game of Life](#): The Java based Conway's Game of Life implementation of cellular Automata with GUI and optional console output.

### ONGOING:

- Encephalophone: Conversion of brainwaves to music.
- Land Stratification: Classification and mapping of land Tiff images from the ISRO .

## ACHIEVEMENTS AND CO-CURRICULAR

- Winner of Electrothon 2020(NIT Hamirpur)
- 3 Star Coder on [Codechef](#) [Highest Codechef Rating – 1626 ]