

Arpit Singh

An electrical engineer by profession and data scientist by choice, looking for data science and machine learning opportunities to give me a kickstart in this journey by helping the organization to grow with my fruitful input to the same.

Sector 62, Noida

8218531667

arpit.ashu9760@gmail.com

GitHub @[gravious00](#)

LinkedIn @[gravious00](#)

EDUCATION

Bachelors in Technology | JSS Academy of Technical Education, Noida

BATCH OF 2021

- Majors in **Electrical and Electronics Engineering** with optional as **Cloud Computing** and **IoT**
- A nominated representative at **Institutional Innovation Council**, an **MHRD** initiative.
- Collaborated with various faculty members on projects and tech development.
- Team Member and Volunteer at Zealicon (Annual **techno-cultural fest @ JSSATE Noida**).
- Core Team Member **DSC**, **GDG @** Department of IT.
- Core Team Member **Quanta @** Department of Electronics and Communication.

Intermediate | Army Public School, Meerut

BATCH OF 2016

- **PCM**, Educational Board: CBSE
- Zonal Representative @ **Robothon, Techniche** (Annual Tech Fest IIT Guwahati)
- IIO, NSO Level 2, IMO
- Cluster level Badminton

EXPERIENCE

Developer Students Clubs| Volunteer

DEC 2018 – PRESENT

CORE TEAM MEMBER

- Developer Student Clubs are university-based community groups for students interested in Google developer

SKILLS

- **Data Science and Machine Learning**
- **Pandas, NumPy, Keras, and TensorFlow**
- **Data Visualization and Storytelling, Matplotlib, Seaborn**
- **Python and C**
- **OpenCV, YOLO v3**
- **SQL and Web Scraping**
- **Django**

LANGUAGES

- **HINDI**
- **ENGLISH**
- **BHOJPURI**

COURSES / CERTIFICATIONS

Data Science Coursera (Online)

Data Sciences using python

ID : 44FSBLKG9GMS

technologies.

- To create apps and technologies to help local people and create impact.
- Roles: To mentor freshers, giving them insights of technologies.
- Workshops and Seminar sessions on ML and Data Science.
- Machine learning projects under the umbrella of DSC.

Google Developers Group | Volunteer

FEB 2018 – DEC 2018

TEAM MEMBER

- To promote technologies in college, help students to gain knowledge.
- Seminar and Workshops on ML and Data Science.
- Helping seniors, assistance in their sessions.

PROJECTS

Trespassers detection system

- Created a Script to Detect trespassers in a premise, detected number plates, and plate values.
- An **automatic** logging system for vehicles and detection by checking from various **databases** present
- Edge Detection by **OpenCV** and **YOLO** for the number plate and OCR PyTesseract on it. **TensorFlow Keras, ANN, and CNN**
- Backend Using **Django** and **Django REST framework**.
- Won **SIH 2020** Internals

Digital Signal Processing on Ambulance Siren

- Detecting and analyzing ambulance siren audio in different scenarios.
- Using techniques of **Fourier Transform, FFT, and spectrograms**.
- **Librosa** for audio processing and **matplotlib** for visualization
- Under the Faculty of Electrical and Electronics Eng., JSS Noida

Web Scrapping

- Scrapping and crawling through an **eCommerce** website
- Creating databases and exporting for uses in **Python notebooks**
- **BeautifulSoup4, URLLib, and pandas**.

[Applied Machine Learning In](#)

[Python](#) Coursera (Online)

course on applied machine learning using python

ID : JSFFVEMRQXTG

[Neural Networks And Deep](#)

[Learning](#) Coursera (Online)

Neural Networks and Deep

Learning by deeplearning.ai on Coursera.

ID : 6JDBLNRUZXDQ

Minor Projects

- **Dog Cat Classifier**
- **Exploratory Data Analysis on Avocado Pricing**
- **Breast Cancer detection**