

**OBJECTIVE**

Energetic, innovative engineering undergraduate, passionate about Machine Learning, NLP and Deep Learning for solving real-world problems, aiming to work in an organization providing great learning experience and growth opportunities for mutual benefit.

EDUCATION

Qualification	Institute	CGPA	Year of Completion
B.Tech. (Electrical Engineering Specialization in Computer Science)	Dayalbagh Educational Institute, Dayalbagh, Agra	CGPA 9.35 (Till 4 semesters)	2023 Pursuing
XII	St. Clare's Senior Secondary School, Agra	94%	2019
X	St. Clare's Senior Secondary School, Agra	CGPA 10	2017

INTERNSHIPS AND TRAININGS**Internships:**

- Completed an internship at *Genisup India Pvt. Ltd.* (July 2021- Aug 2021) – NLP: Topic Modeling
 - Worked on proxy rotation and utilization
 - Learnt Web Scraping using bs4 and performed **LDA Topic Modeling** on “The Hindu” news articles.
- Worked as an intern at *VUGS Technologies* (May 2021- June 2021)
 - Built an **OCR using Pytesseract** and **NER Text Classification Model** to categorize detected text into Name, E-mail Address, Phone number and Date.

Trainings:

- Undertaking *Deep learning & Computer Vision A-Z: OpenCV, SSD, GANs* course from Udemy (Nov 2021)
- Completed *Neural Networks and Deep Learning* course from Coursera (Apr 2021)
- Undertook *Machine Learning A-Z: Hands on Python and R in Data Science* course from Udemy (Feb 2021)
- Completed *Python Core* course from SoloLearn (Dec 2020)

PROJECTS:

- Currently working on **Mental Healthcare Chatbot** (Ongoing)
- Built a full stack **Speech Emotion based Movie Recommender system** using the RAVDESS Dataset for SER model, and Web Scraping techniques for recommendation system. (Oct 2021)
- Finding a Perfect Fit**, a model to parse resumes using Pytesseract to extract text, NLP for data wrangling, and XG Boost and Random Forest techniques for classification (Aug 2021)
- OCR for Handwritten text**, a model for digit (0-9) + A-Z characters classification using **CNN** architecture to detect the final word in the image. (June 2021)
- Face Detection and Recognition** using OpenCV and TensorFlow (May 2021)
- Face Mask Detection** which detects the face using Haar Cascade Classifier from **OpenCV** library and classifies the image into one of the three categories- Without Mask, With Mask and Incorrect Mask with the help of **LBPH Algorithm** (May 2021)
- Heart Attack Prediction** and **Insurance Company Prediction** using various classification algorithms.

SKILLS
<ul style="list-style-type: none"> • Experience with C, C++, Python, JAVA, HTML, CSS, JavaScript, Data Structures, SQL • Software's: PyCharm, Jupyter Notebook, Google Colab, Code Blocks, MATLAB, Turbo C++, MS Office • Machine Learning Frameworks: Scikit-Learn, TensorFlow, OpenCV, NumPy, Pytesseract, Keras
ACHIEVEMENTS AND CERTIFICATIONS
<ul style="list-style-type: none"> • Secured 3rd position in <i>TECH-A-THON</i> organized by The ECE Society, BIT Mesra, Ranchi (Oct 2021) • Participant of <i>30 Days of Google Cloud</i> (Sep 2021 - Oct 2021) • Won 1st prize in the online competition <i>Game of Brands</i> organized by SGGSCC, University of Delhi (Mar 2021) • Secured 2nd rank in Street Play, an Intra Faculty Competition on theme "Women Empowerment" (Sep 2021)
WORKSHOPS AND EVENTS
<ul style="list-style-type: none"> • Finalist of <i>Rise in Crisis</i>, a crisis management competition organized by SRCC, University of Delhi (Nov 2021) • Participated in <i>Hero Campus Challenge S7</i>, a national level competition organized by Hero MotoCorp Limited (Nov 2020) • Attended online <i>KLA Workshop on AI and HPC in Semiconductor Manufacturing</i> organized by IIT Madras (Sep 2021) • Actively participated in <i>NLP with Disaster Tweets</i> organized by Kaggle (Aug 2021) • Qualified <i>Vishleshan – The Analytics Event</i> organized by NIT Trichy (Nov 2020) • Competed in <i>Prabandhan'20: Annual Management Conclave</i> organized by IIT Kanpur (Sep 2020) • Participated in 5 days course on <i>Geospatial Inputs for Enabling Master Plan Formulation</i> conducted by Indian Institute of Remote Sensing (July 2020) • Member of Stage Management Team in Drama Fest (District level) (Feb 2020) • Served as a member of National Service Scheme with 7 days NSS Camp (Jan 2020)
INTERESTS AND HOBBIES
<ul style="list-style-type: none"> • Machine Learning and Data Science • Reading novels • Volunteering and social service

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