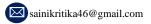
KRITIKA SAINI







EDUCATION

YEAR	UNIVERSITY/SCHOOL	DEGREE/CERTIFICATE	PERCENTAGE/CGPA
2021	Delhi Technological University	B. Tech (Electronics and Communication)	8.78
2017	Jain Bharati Mrigavati Vidyalaya	Class XII (CBSE)	96.2%
2015	Jain Bharati Mrigavati Vidyalaya	Class X (CBSE)	10

SKILLS

- Machine Learning
- Data Science
- C++, C

- Deep Learning
- Python
- HTML
- Natural Language Processing
- Data Structures

MATLAB

ACADEMIC PROJECTS

EMOJI PREDICTION

REAL TIME FACE RECOGNITION

HANDWRITTEN DIGIT **GENERATION**

ACTIVITY RECOGNITION

ACHIEVEMENTS AND AWARDS

POSITIONS OF RESPONSIBILITY

EXTRA CURRICULAR ACTIVITIES

- Build an LSTM based project to predict the most appropriate emoji in a given sentence
- Achieved 82.14 percent test accuracy on 100+ test sentences.
- Designed a real time face recognizer to identify the face of a person from a video frame
- Programmed using Haarcascade, Open cv and basic Machine Learning Algorithm
- Implemented a GAN (Generative Adversarial Network) based model to fabricate MNIST handwritten digits from noise
- Designed an autonomous surveillance system to intelligently detect any unusual activity from real time video frames.
- Successfully completed Advance Machine learning course (2019) certified by Coding blocks.
- Awarded the Academic **Scholarship** of Rs 9,600 for outstanding result in class 10th and a Scholarship of Rs 12,000 for excellence in class 11th
- Received **four Scholar Trophies** for academic excellence in various fields (2014-15)
- Awarded the **Academic Topper award** in Chemistry (2016-17)

MEMBER OF RESEARCH TEAM, DSAD (DTU)

2019-20

- Co-ordinated in Machine Learning research projects of Digital System Architecture and Design (DSAD), Research Group of DTU.
- Worked on Software implementation of Character-based CNN LSTM model and Sub-Word Hierarchical Attention Network for Hindi-English code mix data.

CHIEF ENGLISH EDITOR, SCHOOL PREFECTORIAL BOARD

2016-17

- Formulated numerous news reports and supervised publications of various articles in the school magazine
- Oversaw the content and quality of magazine publication and planned the feature section of the magazine with teacher in-charge.
- Represented my school at Times NIE challenge in the presence of **Punit Jain, Senior** Vice President of The Times of India.
- Secured 2nd rank at state level Essay writing competition.
- Secured 1st position in various group discussions/debate competitions at schoollevel.
- Volunteered at Leaders for tomorrow (LFT), social welfare society of DTU in various social services.
- Successfully completed Youth Empowerment Seminar (YES+) certified by AOL.
- Certified as the Dignity ambassador of Global Dignity Programme by Fortis healthcare for spreading health awareness.