

EDUCATION

Course	Year	Institute	Grade Point Average/Percentage
Mathematics and Computing Engineering	2016-2020	Delhi Technological University	7.7 GPA
CBSE (Class XII)	2016	St. Froebel School, New Delhi	93.6%
CBSE (Class X)	2014	St. Froebel School, New Delhi	10.0 CGPA

ACADEMIC PROJECTS:

- **Classification of Skin Blisters using Transfer Learning**
Use of Transfer Learning to classify images of skin blisters into 4 categories, Chicken Pox, Eczema, Lichen Planus, and Pemphigus Vulgaris, retrained on self-created dataset.
Frameworks/Packages: Tensorflow, BeautifulSoup
- **Sales Prediction on Time Series**
Use of Machine Learning and Feature Engineering to predict sales of a given product in a month given promotional expense and holidays in the given month.
Frameworks/Packages: Pandas, Numpy, Scipy, Matplotlib, Seaborn, Scikit-Learn
- **Gesture to Speech**
Use of You Only Look Once (YOLO) algorithm and Convolutional Neural Networks (CNN) to convert sign language to speech in real time.
Frameworks/Packages: Tensorflow, Keras, OpenCV, GTTS
- **Stock Prediction using Machine Learning**
Use of Machine Learning and Feature Engineering to predict return value of a stock given selling and creation date, country, type, and portfolio
Frameworks/Packages: Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn

TECHNICAL SKILLS:

- Machine Learning, Deep Learning
- Data Structures and Algorithm Design
- **Languages :** C/C++, Python, R, SQL
- **Tools:** MATLAB, Git, RStudio, SPSS, Jupyter Notebook
- **Frameworks/Packages:** Numpy, Pandas, Scikit-Learn, Tensorflow, Keras, OpenCV

ACADEMIC ACHIEVEMENTS AND AWARDS:

- Won **Consolation Prize** at **Build for India Hackathon** organized by **Paytm**
- Secured **top 30** rank in **HackDTU** organized by **Software Developers, DTU**
- Secured **3rd** rank in **HackData** organized by **Society of Robotics, DTU**
- Secured **1st** position in **Datathon** organized by **Department of Statistics, Kirori Mal College**

COURSEWORKS:

- **Machine Learning, Coursera**
- **Deep Learning (5 Courses specialization), Coursera**

POSITIONS OF RESPONSIBILITY:

- Member of Organizing Team, Asymptotes '17, annual tech fest of Mathematics and Computing Society, DTU
- Member of Organizing Team, International Conference on Recent Advances in Pure and Applied Mathematics

DECLARATION:

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.