

GAURAV JAIN

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EXPERIENCE

Machine Learning Intern

CarDekho

July 2021 - Present @ Delhi, India

- Worked on Analysing and predicting the sentiment of reviews of car sold on the platform using LSTM (Natural Language Processing). Implemented own Vectorizer for processing of text.
- Working on using ML techniques in Search Engine Optimization. Using Unsupervised Clustering Algorithms reported the performance of Cardekho webpages for over 4000 search queries.

Junior Data Scientist

Hamoye AI Labs

January 2021 - Present @ Delaware, USA

- Working on analyzing climate and electricity data and building **Time Series ML models** and data pipelines covering 2 International Electricity Markets with over 500 Production Plants.
- Creating Data Ingestion structure and scraper for Live Time Series Data starting from 1990 to present, for each 5 minutes.
- Built the Dash Web-App and efficient **Django APIs** over **InfluxDB**.

Data Science Intern

Hamoye Technologies

July – December 2020 @ Delaware, USA

- Provided a feasible solution to the problem of electricity outage by generating summarized statistics, and performing **data modeling** using **Python** on the electric power consumption data by USEIA.
- Predicted and managed the quality metrics of global ecological footprints using data obtained from the NFBA.

POSITION OF RESPONSIBILITY

Chairperson

ACM Student Chapter, USICT

November 2019 – Present

- Lead the Association for Computing Machinery(ACM) Chapter
- Organized, orchestrated and supervised over 30 events, both online and offline. Mentored the students of the University & opened 8 new clubs.
- In one year, increased the membership from 20 to 400+ and won the award of "OUTSTANDING CHAPTER ACTIVITIES AND WEBSITE, 2021" across all ACM Chapters in world.

Head Coordinator

Training and Placement Cell, USICT

June 2019 – Present

- Managed all the placement related activities at USICT
- Orchestrated and implemented an online system of placements

COURSES & CERTIFICATIONS

- Deep Learning Specialization by Coursera and DeepLearning.AI
- Data Science Training from Internshala
- Google Cloud Platform: Data Engineering and Data Science on GCP (Google Qwiklabs)
- Machine Learning: Stanford University and Coursera

EDUCATION

Bachelor of Technology [Computer Science]

University School of Information and Communication Technology (USICT)

CGPA: 9.36

(Aug 2018 – July 2022)

High School, XII

Jain Bharati Mrigavati Vidyalaya (CBSE)

Percentage: 94.8%

(2018)

SKILLS

- **Languages:** Python, C/C++
- **Tools & Technologies:** Machine Learning, Data Science, Data Analysis and Visualization, Neural Network, Data Engineering, Tensorflow, Keras, OpenCV, Scikit learn, Numpy, CNN, LSTM, Word2Vec, Django, REST APIs, Google Dialogflow, Google Cloud Platform, Tableau, Jupyter, Git
- **General:** Data Structures, Web Scrapping, UI/UX
- **Database:** SQL, InfluxDB, NoSQL
- **Familiar:** Java, MATLAB, Octave, HTML/CSS, MongoDB

PROJECTS

Heart Failure Predictor ([GitHub](#))

- Developed a Machine Learning Model to predict the Death Event due to Heart Failure & medical profile.
- Hosted on <https://sites.google.com/view/heart-failure-project/>

Instrumental Sound Classifier

- Classifies various instruments' sounds such as flute, drum etc. using 2 models: CNN and RNN (LSTM)
- Currently, designing a Web-App to deploy the model.

Amazon Forest Land Labeling ([GitHub](#))

- Created a Convolutional Neural Network to label satellite images from Amazon forest conditions and various classes of land cover
- Based on VGG16 Architecture and achieved an accuracy of 90.3%.

ACHIEVEMENTS

- **1st Position** at Hamoye OSP Data Science Competition (Heart Failure Predictor)
- **Semi-Finalist**, Eureka! 2019 – Asia's Largest B-Model Competition (IIT Bombay and CNN)
 - Fuel Efficiency Project using ML/AI and IoT
 - Top 100 Business Plans of Asia
- **1st Position:** JigSaw Coding Contest(InfoXpression)
- **University Academic Topper** (Rank 1) for 5 consecutive semesters
- Qualified **GATE (CSE) 2021**