



Experiences

Machine Learning Head

Developer Students Club, HMRITM (Full Time)


 September 2020 – Present (4 months)


 Hamidpur, Delhi, India

- To teach and guide students in field of Machine Learning, AI and Data Science.
- To promote Google Technologies that could be used in Machine Learning and Data Science.

ML & Software Engineer

Xero Technologies Pvt. Ltd. (Part Time)

 November 2020 – Present (2 months)


 New Delhi, Delhi, India

- To lead and train co-workers towards successful implementation of project
- To design and deploy deep learning algorithms with Yolo V5 for traffic count & classification.

Data Scientist & Business Analyst

The Sparks Foundation (Internship)

 Nov 2020 – Dec 2020 (1 month)

 Singapore (Online)

- Designed Dashboards for presenting insights drawn from given datasets.
- Developed machine learning models for prediction using supervised, un-supervised and time series methods.

Courses & Certifications

Professional Tensorflow Developer

By Deeplearning.ai

Data Science Maths Skills

By Duke University

Computer Vision Basics

By University at Buffalo

Data Science Certification

By Amity Future Academy

AWS Machine Learning

By Amazon Web Services

Machine Learning and AI Certification Course

By Amity Future Academy

Projects

Generating Synthetic Images

- Designed DCGAN models using Keras.
- Worked with Fashion MNIST Dataset.

Prediction Using Decision Tree Algorithm

- Represented hierarchical Visualizations of Decision Tree, designed on Iris Dataset.

Stock Price Prediction

- Developed Recurrent Neural Networks (RNN) and LSTM to predict stock prices
- Worked with Google Stock Dataset

Credit Card Fraud Detection

- Designed Logistic Regression Models for classifying fraud and not-fraud entities with model efficiency of 99% (approx.)

Skills

Programming: Python (Proficient), C++ (Intermediate), C (Intermediate).

Libraries: Numpy, OpenCV, Pandas, Scikit-Learn, Scipy, Tensorflow, Keras, Matplotlib, AWS Sagemaker.

DevOps Tools and Utilities: Git, MySQL, Eclipse, Jupyter Notebook, Visual Studio Code.

Soft Skills: Public Speaking, Team Work, Leadership.

Publications

Producing Energy Using Blind Man Stick

Year 2020 | Conference Paper | Publisher: IEEE

DOI : [10.1109/CSNT48778.2020.9115766](https://doi.org/10.1109/CSNT48778.2020.9115766)

Security Issues & Seclusions In Bitcoin Systems

Year 2020 | Conference Paper | Publisher: IEEE

DOI: [10.1109/CSNT48778.2020.9115744](https://doi.org/10.1109/CSNT48778.2020.9115744)

Education

B.Tech. in Computer Science & Engineering

HMR Institute of Technology & Management

New Delhi, Delhi, India

Graduation Year: 2022 | CGPA (projected): 7/10

Senior Secondary Education

R.P.V.V Raj Niwas Marg, New Delhi, India

Year of Completion: 2017 | Percentage: 72%