

MADIHA AHMED Delhi

☎ +91- 7703864445 ✉ iimadihaahmedii2012@gmail.com  [linkedIn](#)

EDUCATION

Maharaja Agrasen Institute of Technology
B.Tech - Electrical and Electronics - CGPA - 9.2

December 2020 – July 2024
Delhi, India

APEEJAY SCHOOL PANCHSEEL PARK
Senior Secondary and Secondary

Mar 2007 – March 2019
Delhi, India

TECHNICAL SKILLS

Languages: C++ , Python , SQL

Machine Learning and Deep Learning Algorithms: Regression, Classification, Clustering, Dimensionality Reduction, Deep Learning, Image Classification, Object Detection, NLP, CNN, RNN, LSTM/GRU

Python Libraries: Numpy, Pandas, Scikit-learn, Tensorflow/keras, Matplotlib, etc.

Developer Tools: Vs code, Jupyter Notebook

EXPERIENCE

Machine Learning Intern at LetsGrowMore

July 2022 - August 2022

- Developed a Handwritten Text Recognition model that converts the handwriting in an image to machine to machine readable text with the help of Computer Vision.
- Tech Stacks: Python3 , Machine Learning

Academic Research-MAIT

December 2021 – Feb 2022

- I researched under a professor and detected COVID-19 hotspots using DBSCAN Algorithm. I worked with five team mates and executed my research learnings.

PROJECTS

Covid Detection with Xrays and Neural Network  | Machine Learning, Deep Learning

- Developed an advanced machine learning-based classifier that can scan chest X- rays and classify COVID19 positive cases and negative cases.
- In this project, we explored X-ray images as doctors frequently use X- rays and CT scans to diagnose pneumonia, lung inflammation, abscesses, and/or enlarged lymph nodes and tried to detect positive COVID19 cases from the given X-ray dataset.
- [Source Code](#)

Covid-19 Hotspot Detection  |

- Applied DBSCAN Algorithm on Covid-19 Detection Dataset to detect Hotspot which is in the field of 'Clustering' and is related to data mining, machine learning and lies under AI techniques.
- [Source Code](#)

POSITIONS OF RESPONSIBILITY

IEEE Internal Head
Core member of Google Developer Student Club
Literary Umbrella- Public Speaking Head

Certifications

- C++ Programming Step By Step From Beginner To Ultimate Level
- Machine Learning FoxMula
- OOPs