Aditya Gupta

adi.gupta970627@gmail.com| Male
+916387568580 | 27th June 1997

EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
AICTE | B.Tech M.Tech Dual Degree | Grad. & Post Grad.
8.4/10 | Sector 62, Noida, UP

CITY MONTESSORI SCHOOL
PCM with COMPUTER SCIENCE
ISC | Senior Secondary | May 2015
91.67 | Lucknow, UP

ST. NORBERT'S SCHOOL
ICSE | Secondary Education
May 2013 | 85.67 | Bahraich, UP

SKILLS

PROGRAMMING
Over 10000 lines:
C++ • Java • Python • C
• Machine Learning: Supervised, Unsupervised and Apriori • MySQL

Over 1000 lines:
AWS • PHP • Assembly Language

LINKS

Hackerrank:// **aditya9706**
Github:// **aditya9706**
LinkedIn:// **aditya-gupta-18338117a**
Codechef:// **adi9706**

COURSEWORK

GRADUATE
Software Architecture
Cloud and Web Services
Performance Evaluation
Advance Graph and Computing Theory

UNDERGRADUATE
Artificial Intelligence
Open Source Software
Probability
DataBase and Management System
Computer Networks
Theory of Programming Languages
Computer Organization Architecture
Nature Inspired Computing
Operating System

PROJECTS

HH-W ALGORITHM TO TRAIN NEURAL NETWORK WEIGHTS | May 2020 |
Combining Harris-Hawk and Whale (Nature Inspired Algorithm) to train the weights of the Neural Network, as get they stuck in the local optima when trained through back-propagation, achieving near optimal weights to give better results.

VOICE PRESCRIPTION APP | Jan 2020 |
A NLP based app to understand doctor's voice and generate a prescription digital copy and is protected by digital signature of the file.

GRAPH CONVOLUTION NEURAL NETWORK | July 2019 |
Computing Hessian Matrix of the given data using MATLAB and then training it as semi-supervised learning in Neural Network in Python.

PARSING DETAILS OF RESEARCH PAPER | Apr 2019 |
This project helps you to create multiple excel sheet of a person's research papers by parsing them from google scholars page with the help of ParseHub.

FUZZY DBSCAN | Mar 2019 |
Modifying DBSCAN algorithm by adding fuzziness to the cluster to get a more optimal and reliable prediction .Fuzziness is added to the cluster and border points in the algorithm according to a new mathematical function.

RATION DISTRIBUTION AND PREDICTION SYSTEM | Oct 2018 |
A Machine Learning Project which uses supervised learning to predict and analyze the ration provided to the citizens, below poverty line, by the Government and helping them to improvise their distribution system.

SELF BALANCING BOT | Sep 2017 |
An Automated Bot on two wheels, which balances itself vertically, works on the PID Algorithm and also uses Arduino and MPU 6050.

EXPERIENCE

IIIT PRAYAGRAJ | Trainee
May 2019 – July 2019 | PrayagRaj, UP
Worked with Abhishek Sir and Prof. Shekhar Verma to learn about different approaches of solving Machine Learning Problems. Finally made the project based on Graph Convolution Neural Network, Laplacian Matrix and Hessian Matrix.

INTERNATIONAL CONFERENCE ON CONTEMPORARY COMPUTING (IC3) | Participnt
Sep 2017 | Noida, UP
Presented project at IC3 conference to display innovative ideas which are in the interest of computational scientists and engineers.

ROBOTICS AND CONTROLLER HUB | Member
July 2018 - Dec 2018 | Noida, UP
Participated in various events of robotics and helped juniors in making their projects.