

Pradhuman Gupta

Pursuing Graduation

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EDUCATION

- **Bachelor of Technology (Computer Science & Engineering)**
Jaypee Institute of Information Technology, Sector-62,
Noida, Uttar Pradesh CGPA: 8.4
- **Senior Secondary Education (Class 12)**
Amity International School, Noida, Uttar Pradesh
Score: 92%
- **High School Education (Class 10)**
Amity International School, Noida, Uttar Pradesh
CGPA: 10

PROJECTS

- **Air Quality Index Estimation Using Machine Learning/Deep Learning Techniques**
Predicting pollutant concentrations (like O3, PM10, PM2.5) using several regression techniques such as Linear, Decision Tree, Random Forrest and Neural Networks (ANN). Deployed using flask & Heroku.
Tools – Python, Flask, HTML, CSS, Heroku.
- **Alzheimer Disease Detection using fMRI images with the help of Deep Learning methods**
Patients are classified into 3 categories Alzheimer, Mild-Condition, Non-Alzheimer with the help of 3 Deep learning based Neural Networks: Recurrent Neural Network, Convolutional Neural Network & Extreme Learning Machine using their fMRI images.
Tools– Python, MATLAB
- **Charging station allocation to Drones using Blockchain**
Allocating a best suitable charging station to a drone based on the current charge level, energy per unit price offered by charging stations, the price drone is willing to pay and the distance in a multiple drones & charging stations network using the concepts of blockchain technology.
Tools - Solidity, Ethereum, Metamask

CERTIFICATION COURSES

- Udemy Machine Learning A-Z course
- Udemy Deep Learning A-Z course
- Coding Blocks Algorithms & Data Structures

SKILLS

- **Programming Languages** - C/C++, Python
- **Sport Programming** – Problem Solving, Algorithms & Data Structures.
- **Machine Learning** – Python
Data Engineering, Regression, Classification, Clustering. Boosting, Neural Networks: CNN, RNN, ANN.
Deployment: Flask, Heroku.
- **SQL** – MySQL

PARTICIPATION & CERTIFICATES

- 98-381: Microsoft Technology Associate: Introduction to Programming using Python.
- Participated in International Conference on Contemporary Computing (IC3) 2018.
- Volunteered to teach a group of individuals about Internet and its uses through SewaBharti (NGO) Delhi.

POSITION OF RESPONSIBILITY

It's Our Earth Hub - A College Hub that is oriented towards welfare of the society and environment.

-Coordinator

-Organized several donation camps and Social Awareness campaigns.

INTERNSHIP EXPERIENCE

Machine Learning Internship + Training by Career Launcher & Intel. (July – August 2019)
Stock Market Analysis using Machine Learning.

LANGUAGES

English
(Proficient)

Hindi (Native)

German
(Beginner)

HOBBIES

Travelling

Cooking

Cricket

Reading about
astral & Indian
History Facts