

# Yash Gupta

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## ACADEMIC DETAILS

**Indian Institute of Information Technology, Nagpur, India**

B. Tech | 2017-2021 | CGPA: 7.38

**Pragati Vidhya Peeth, Gwalior**

XII CBSE | 2016 | 79.8%

**Gwalior Glory School, Gwalior**

X CBSE | 2014 | CGPA – 9.8

## SKILLS

### Artificial Intelligence –

Machine Learning, Supervised Learning, Unsupervised Learning, Deep Learning, Time Series Analysis, NLP, Computer Vision

### Frameworks & Libraries-

TensorFlow, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, OpenCV, Django, Flask, Bottle

### Database Management –

SQL (MySQL, SQLite)  
NoSQL (MongoDB)

### Programming Languages –

Python (expert experience),  
C/C++ (proficient)

### Tools and Software –

Visual Studio Code, Anaconda,  
MS Office, Git, AWS

### Web Technologies –

HTML, CSS, JavaScript

### Operating System –

Linux, Windows

### Relevant Courses –

Data Structures & Algorithms  
Operating System, Computer Networks, Mathematics, Natural Language Processing

## ACHIEVEMENTS

+ **Co- Founder** Coding Club IIIT, Nagpur (2018)

+ **Co-Head** Event Management of Technical Fest, IIIT Nagpur with 150+ participants (2018)

+ Elected **Mess Representative** of IIITN Hostel (2018-2019)

### CERTIFICATION

+ Udacity: Deep Learning  
+ Udemy: Python  
+ Udem: TensorFlow 2 and Keras  
+ Google: Digital Marketing

## PROFESSIONAL SUMMARY

### **Python Developer, AI Enthusiast, Innovator, Fast Learner**

Fresher with high motivation, Competencies, skills and 8+ month experience.

Area of Interest: NLP, Computer Vision, Quantitative Finance

Looking for full-time employment in the field of Data Science.

Follow on: - [github.com/erYash15](https://github.com/erYash15) | [linkedin.com/in/eryash15](https://linkedin.com/in/eryash15)

## WORK EXPERIENCE

**Data Scientist | Python Developer** Internship | May'20 - Nov'20\*

**Pay1 - Mindsarray Network Private Limited**

While working on a KYC System: developed scalable model of optical character recognition for Pan Card and Aadhar Card. Face recognition from live video detection for percent matching between faces. Also, developed features for credit score based on user data like transaction history, geographic location etc. to identify user's EMI and loan limits.

**Research Trainee | Data Science**

Training | May'19 – Jul'19

**Indian Institute of Technology (IIT-BHU), India**

Early Classification of Multi-Variate Time Series Data of ECG dataset to diagnose the disease as early as possible without compromising the accuracy. Later making it scalable to all kinds of Multi-Variate Time Series Data. Key Features of project were pattern recognition, extraction and selection.

## PROJECTS

### **Multi-Label Classification (Stack-Overflow Tag Prediction)**

Key Learning: **Pandas, Scikit-learn, NLP, Classification, Algorithms**

Each question has 1-5 tags that help users to ask a question to a particular group of experts for better reach. Based upon the *Question Title, Body and Code* Suitable tags are chosen.

### **Real or Not? NLP with Disaster Tweets**

Key Learning: **EDA, Supervised Learning, Regression**

Sentiment analysis of the dataset of twitter disaster tweets and predicting is it the actual disaster or metaphorically expressed as disaster.

### **Social Media Friend Recommendation Using Graphs**

Key Learning: **Data Structures, Trees, Graphs, Algorithms, SQL**

Developed a Python Project to recommend friend to user using mutual friend, common interests, location, institutes and age.

### **AI learns to play Blackjack**

Major / Jan'21\*

Key Learning: **Pygame, Keras, User-Interface, Reinforcement Learning**

Developing GUI for popular Blackjack game and later various methods to develop rules like trial and error, Probability, deep-learning and analysing casino expert's moves. Computer vision techniques shall be included to necessary subsections.

## PUBLICATIONS

### **COVID-19 Cases and Fatality Rate Prediction using Deep Learning**

Yash Gupta, Dr. Robin Singh Bhadoria

Keyword: · Pandemic Analysis · COVID-19 · Time Series Forecasting · LSTM · Deep Learning