

# Yash Gupta

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## ACADEMIC DETAILS

**Indian Institute of Information Technology, Nagpur, India** [IITN](#)  
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
- + Udemy: 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** [Pay1](#)

- KYC Application - **Optical Character Recognition** for Pan Card and Aadhar Card. **Face Recognition** for percent matching between faces.
- Determine **Originality of the Document** based on Hue Filters.

**Research Trainee | Data Science**

Training | May'19 – Jul'19

**Indian Institute of Technology (IIT-BHU), India** [Certificate](#) [GitHub](#)

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

## PROJECTS

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

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** [GitHub](#)

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** [GitHub](#)

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