

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
+ Udeemy: Python
+ Udeemy: 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 | 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

