# Yash Gupta

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**GitHub** github.com/erYash15 · **Kaggle** kaggle.com/eryash15 · **Codechef** codechef.com/users/notyashgupta

## Education

**Indian Institute of Information Technology (IIIT), Nagpur**
Computer Science & Engineering
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
**Database Management –**
SQL (MySQL, SQLite)
**Programming Languages** –
Python (expert experience), C/C++ (proficient)
**Tools and Software –**
Visual Studio Code, Anaconda, MS Office, Git
**Web Technologies –**
HTML, CSS, JavaScript
**Operating System** –
Linux, Windows
**Relevant Courses –**
Data Structures & Algorithms, Mathematics in Data Science, Natural Language Processing

## ACHIEVEMENTS

+ **Co- Founder** Coding Club IIIT, Nagpur (2018)
+ 4 Star @ codechef
+ **Co-Head** Event Management of Technical Fest, IIIT Nagpur with 150+ participants (2018)
+ Elected **Mess Representative** of IIITN Hostel (2018-2019)

## CERTIFICATION

+ Server-side Development with NodeJS, Express and MongoDB (Coursera) (enrolled)

## PROFESSIONAL SUMMARY

Highly accurate and experienced **Data Scientist** adept at collecting, analysing, and interpreting large datasets**.** Proficient in **Deep learning**, Computer Vision **and** Natural Language Processing**.** Focuses on end-to-end application from **Creating, Developing, Testing,** and **Deploying** highly integrable models**.**

## WORK EXPERIENCE

**Data Scientist** Internship | May'20 - Nov'20
***Pay1 - Mindsarray Network Private Limited***

- Worked on computer vision task for e-KYC application including OCR, Face Recognition, and DBMS.
- Multiple Models development, deployment and extensive testing of large dataset for robust software development.
- Rest API development, Scripting, Automation, Web Scraping and its Integration to large application.

**Research Trainee | Data Science** Training | May'19 – Jul'19
***Indian Institute of Technology (IIT-BHU), India*** *GitHub*

- Research in field of Data Science with renowned professors & scholars.
- Early Classification of Multi-Variate Time Series Data of ECG to diagnose the disease as early as possible without compromising the accuracy.
- Report Published "Time Series Analysis & Classification" (IIT-BHU).
- Research focused on pattern recognition, features extraction and features selection.

## PROJECTS

**Real or Not? NLP with Disaster Tweets** *GitHub*
Key Learning: **EDA, Deep Learning on Limited Data, Classification**

Sentiment Analysis of Twitter disaster tweets and predicting whether a given tweet is 'real disaster' or 'metaphorically expressed as disaster'. Max Accuracy - 89.48% and Top Performing Models – SVM, Bernoulli Naïve Bayes, Logistic Regression, Random Forest, Deep Learning

**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.

**Handwritten Signature Verification System Using CNN** *GitHub*
Key Learning: **Transfer Learning, Data Augmentation, Computer Vision**

The convolutional neural network is used for feature extraction and Support Vector Machine (SVM) for the verification of offline Handwritten signatures.

## PUBLICATION

**Outbreak Trends of Fatality Rate into Coronavirus Disease - 2019 using Deep Learning** Publisher · Inderscience - International Journal of Medical Engineering and Informatics (IJMEI)
**Keywords**· Pandemic Analysis· Coronavirus Disease – 2019 (COVID-19) · Linear Regression· Time Series forecasting· Long Short-Term Memory (LSTM) · Deep learning