



Kartikay Gupta

Roll Number : 1801ME28
B.Tech - Mechanical Engineering
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Education

Year	Degree / Certificate	Institute / Board	CGPA/Percentage
2018 - Present	B.Tech	Indian Institute of Technology Patna	7.13 (Current)
2018	Senior secondary	CBSE board	93.4%
2016	Secondary	CBSE board	9.6

Experience/Projects

• Note separator

2019 Students Developer club IITP

May 2018 - July 2018

Developed an **image classifier** which detects whether the given image is a note or non-note. **Implemented CNN** architectures and used **image augmentation** techniques to improve accuracy.

github.com/kartikay-99k/Notes-Separator

• Machine Learning Competition

Jan 2020 - Feb 2020

Made a **machine learning model** which predicts severity of airplane crash. Used and learned various types of **classifiers and data preprocessing techniques**. Implemented **Boosting and Stacking classifier** techniques to increase accuracy.

github.com/kartikay-99k/ML-competition-hackerearth-

• Crime prediction and Data analysis

ongoing

Data science course project . **Forecasting crime** in city of chicago by applying various ML algorithm like **SVM Random forest , MLP , Decision Tree** ,etc.

Technical skills

- **Programming languages** : C , C++ , Python.
- **Tools/Libraries** : Tensorflow , Keras , Flask , Sckit-learn , Google cloud platform.
- **Abilities/Skills** : Data visualization , Data analysis , Deep learning , Computer vision , Machine learning , Competitive programming .
- **Operating system** : Windows, Linux
- **Others** : Proficient in written and verbal communication , Good Presentation skills , Time management.

Achievements

- **Data science contest (Hackerearth)** : Secured global rank of 627.
- **Joint Entrance Examination 2014** : Secured All India Rank 6547 among 1.25 million candidates appearing for the test.

Key courses taken

- Image Understanding with TensorFlow on GCP
- Sequences, Time Series and Prediction
- Convolutional Neural Networks in TensorFlow
- Data Structures (CS-102)
- Recommendation Systems with TensorFlow on GCP
- Natural Language Processing in TensorFlow
- Data Science (CS-244)