KARTIKAY PANDEY

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EDUCATION

YEAR	CLASS/DEGREE	SCHOOL/COLLEGE	PERCENTAGE/CGPA
2017-PRESENT	Bachelor of Technology (Mathematics and Computing)	DELHI TECHNOLOGICAL UNIVERSITY (Formerly DCE)	8.82
2016-17	XII	SR DAV PUBLIC SCHOOL	92.4%
2014-15	X	SR DAV PUBLIC SCHOOL	10 (CGPA)

INTERNSHIPS

- **Summer Intern (DATA ANALYST) American Express (2020)**

  Project Objective- A wholistic view of all business related KPI's at an aggregate level-monthly, yearly and a time series view needs to be created by engineering data across multiple fields

  - Created a Data strategy for Membership Rewards using Hive by exploring various data that can track Key KPI's. Tools Used- HIVE, EXCEL

- **Summer Intern (NON-TECH) Indian Meteorological Department (2019)**

  Project Objective- Case Study on Welspun Energy Limited 1320 MW Thermal Power Plant.

PROJECTS

- **Traffic Sign Classification** https://github.com/Kartikaypandey/Traffic-Sign-Classifictaion
  - Implemented Convolution Neural Network using Keras.
  - Used Le Net Architecture to Classify Traffic Signs.
- **Cancer Detection** https://github.com/Kartikaypandey/Cancer-Classification
  - Used SVM Algorithm to Classify Cancer into Benign and Malignant
  - Got an accuracy of 98% on Cancer Wisconsin Dataset
- **IMDB Sentiment Analysis** https://github.com/Kartikaypandey/IMDB-Sentiment-Analysis
  - Used Tokenizer and Embedding to convert text to tokens and then to Real Valued Vectors
  - Used RNN to process sequences of arbitrary length and to predict class
- **Credit Card Fraud Detection** https://github.com/Kartikaypandey/Credit-Card-Fraud-Detection
  - To Detect whether the Transactions are fraudulent or not based on previous data.
  - Used different algorithms like Neural Network, SVM, Random Forest to build models
- **Image Captioning** https://github.com/Kartikaypandey/Image-Captioning
  - Implemented an Encoder Decoder Model for Image Captioning
  - Used ResNet50 for Image feature Extraction and LSTM for generating Captions
  - Implemented NLP text Similarity for calculating Accuracy of captions

SKILLS

Programming Language – JAVA, SQL, Python, Hive
Frameworks/Libraries – NumPy, Pandas, Matplotlib, Seaborn, Keras, Scikit-learn

SCHOLASTIC ACHIEVEMENTS

- Ranked in National top 1% (among 1,500,000 candidates) in JEE MAINS.

RELEVANT COURSES

- Computer Science – Data Structures, Algorithms, OOPS,DBMS,OS, Machine Learning, Deep Learning.
- Mathematics – Linear Algebra, Probability and Statistics, Stochastic Process

DECLERATION

- I hereby Declare that the details mentioned above are true and correct to the best of my knowledge and belief.