

KANISHK GOYAL

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EDUCATION

Bachelor of Technology in Electrical Engineering

Final-Year Undergraduate

Indian Institute of Technology, Delhi

2018 - Present

CGPA: **8.17**

CBSE, Class XII

Arcadia Academy, Kota (Rajasthan)

2018

95.2%

SCHOLASTIC ACHIEVEMENTS

- Received the prestigious **KVPY Fellowship** from the Govt. of India in 2018
- **Chartered Financial Analyst (CFA)** Level 1 August 2021 candidate.
- Secured **AIR 434 - Top 99.81** percentile in JEE Advanced-2018 out of **0.23 million** candidates
- Secured **AIR 120 - Top 99.99** Percentile in JEE Mains-2018 out of **1.2 million** candidates

INTERNSHIP

Amazon, Software Development Engineer - *Data Analytics Platform*

May 2021- July 2021

- Built a data analytics platform for complex shipment data with **100+ fields** and **1 Million+** shipments daily
- Saved company time & **increased speed** of operations by around **25%**
- Designed and successfully tested the **proof of concept** to replace the existing service by increasing efficiency

TrafkSol ITS Technologies Pvt Ltd, Noida - *Data Science Department*

July 2020

- Developed a **chatbot** using deep learning **NLP Seq2Seq** model and **tensorflow** library with LSTM.
- Formed NLP '**Bag Of Words**' model to identify major issues raised on portal using **NLTK** library
- Designed **Sentimental Analysis** model to include polarity for evaluating score; achieved high speed using **XGBoost**. Received **Letter Of Recommendation** from Managing Director for exemplary performance

PROJECTS

Financial Time Series Analysis - *Prof S.M.K Rahman*

July 2020

- Conducted comparative analysis of **Deep Learning (LSTM)** & **ARIMA** model for forecasting stock prices.
- Examined movement of daily stock price of the **NASDAQ** index over 10 years (implemented using python).

Deep Learning Specialization - *Five Course Specialization on Coursera* [GitHub Link](#)

May 2020

- Developed an Autonomous driving car model based on YOLO architecture for obstacle detection using CNN
- Programmed models for Speech Recognition, Neural Machine Translation & Trigger Word Detection

Recommendation System

June 2020

- Developed a Recommendation System using **content-based filtering** on a data-set of users and posts.
- Recommended posts and performed preprocessing such as **stop words removal** & created **TFIDF** vectorizer.

RELEVANT COURSES

Probability Theory & Stochastic Processes

Financial Management

Deep Learning Specialization - Coursera

Data Structures and Algorithms

Intro to Machine Learning

Linear Algebra & Differential Equations

TECHNICAL STRENGTHS

Programming Languages: Python, C++, Java; **Softwares:** Advanced Excel, MATLAB, Git, LaTeX

Libraries: Pandas, Numpy, Scikit-Learn, TensorFlow, Keras, NLTK

EXTRA-CURRICULAR

- **Winners:** Western Group Dance, **Rendezvous 2019**, Asia's largest Cultural festival, amongst 80+ teams
- Best Fresher, Zanskar Hostel for excellence in cultural and academic activities.
- Hostel Representative of the **Literary Club** of IIT, Delhi. **Winner** of the Freshers Literature Quiz