

ANSHIT DAS

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EDUCATION

IIT ROORKEE

Bachelor & Masters of Science

Major in Economics

Cumulative GPA: 7.5

Relevant Coursework: Programming for Economists (8.0 SGPA), Introduction to Microeconomics (8.0 SGPA), Introduction to Macroeconomics (10.0 SGPA), DSA (9.0 SGPA)

Roorkee, Uttarakhand

Expected August 2028

PROJECTS

NEURAL STYLE TRANSFER (Worked under ARIES, IIT Roorkee)

May 2024 - June 2024

- **Implementation:** Created a tool using Keras that generates new images, preserving the structure and details of the original content image while adopting the artistic style and texture of the style image.
- **Evaluation:** Utilized metrics like SSIM, PSNR, LPIPS, and KID to assess and compare the differences between the output and the content image.

DATAVIZ MASTERPIECE 24 (Conducted by IIM Bangalore)

June 2024

- **Top 5 Finalists:** Selected from over 2200 participants in the final presentation round.
- **Research Focus:** Conducted in-depth research on the Indian EV charging industry and developed a comprehensive market entry strategy for a company based on key insights.
- **Consumer Analysis:** Analyzed consumer preferences and identified pain points for EV charger users.

WINTER ANALYTICS 23 (Conducted by SocBiz, IIT Roorkee)

Jan 2024- Feb 2024

- **Finalists:** Selected to present our work in the final presentation round.
- **Analytics:** Conducted EDA on provided data to analyze the cause & predict churn for a telecommunication company.
- **Solutions:** Proposed innovative solutions to reduce the company's increasing churn rate.

STOCK PRICE PREDICTION-FORECASTING (under FEC, IIT Kharagpur)

June 2024

- **Data Processing:** Implemented data modification techniques, including normalization and pre-processing, to prepare historical closing prices for model training.
- **Model Development:** Built and trained a predictive model using LSTM networks with dropout regularization to forecast stock price trends, ensuring robustness and reducing overfitting.
- **Prediction Accuracy:** Achieved predictions that closely align with actual data, effectively forecasting present and future stock price trends.

STOCK SENTIMENT ANALYSIS (under FEC, IIT Kharagpur)

June 2024

- **Model Implementation:** Developed two sentiment analysis models using NLP and proper data pre-processing techniques to evaluate stock news and headlines, categorizing them as neutral (0), negative (-1), or positive (+1) sentiment.
- **Custom Model:** Created the first model from scratch using a provided dataset without relying on pre-trained embeddings.
- **Enhanced Model:** Trained the second model on a self-collected dataset of 20,000+ headlines, utilizing pre-trained Word2Vec embeddings to enhance performance and accuracy.

CERTIFICATIONS

SUMMER ANALYTICS 24 (by CAC, IIT Guwahati)

June 2024

- Learned and solidified our Machine Learning and Data Analytics Concepts

ADDITIONAL

Technical Skills: MySQL, Python,

Languages: Fluent in Hindi, English and Bengali