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OBJECTIVE

Graduate student seeking fulltime job opportunities for Jan 2023.

EDUCATION

University at Buffalo, Buffalo, NY   **Aug 2021 - Dec 2022**

- Master's in Data Science and Applications.   **GPA: 4.0**
- Graduate Coursework: Statistical Datamining, Probability, Python, DBMS, Machine Learning, Numerical Analysis, Cyber Security.

University at Petroleum and Energy Studies, Dehradun, India   **Aug 2016- May 2020**

- B. Tech in Computer Science Engineering.   **GPA: 6.9/10**
- Relevant Courses: Operating Systems, Artificial Intelligence, Data Structures, Object Oriented Programming, Information Retrieval.

PROFESSIONAL EXPERIENCE

Amazon.   **May 2022- Aug 2022**

Data Scientist Intern

 Worked on a tool to automate the Ad-Hoc analysis to determine latency impact due to different experiments. Used Causal Inference models and statistical models like Difference in Differences and Synthetic Controls. Worked on different statistics and statistical methods on Time Series data.

Cognizant.   **Sep 2020 – Sep 2021**

Programmer Analyst

 Training during Intern: Spring Boot, JMeter, Full Stack.

 Work: Identified issues like high response time and performed load testing for applications.

RELEVANT ACADEMIC PROJECTS

Health Insurance Prediction [Pandas, Plotly, ggplot]

- Performed Exploratory data Analysis (EDA) and Pre-processing of data.
- Created a predictive model using Linear regression (Supervised Learning Algorithm) from scratch to.

Tesla Stock Time Series Analysis [TensorFlow, Seaborn, Keras]

- Performed EDA and data visualization to understand seasonal and other trends of Tesla (TSLA) stock data.
- Performed forecasting using Recurrent Neural Network and Long Short-Term Memory.

H&M Fashion Recommendation system

- Created a recommendation system using Convolution Neural Network Model (CNN) to extract features from images, K- means Clustering to cluster the data and ALS Matrix Factorization method to give recommendations based on user similarity.

Hotel Booking Application [Mongo DB, Scikit learn(Sklearn)]

- Designed own user defined database on Mongo DB.
- Used clustering algorithms (Unsupervised Algorithms) to give best hotel recommendations to user according to their preferences.

TECHNICAL SKILLS

- Programming languages: Java, Python, R-Programming.
- Tools and Technologies: Tableau, My SQL, Mongo DB, A/B testing, Deep Learning, Classification, Regression.

CERTIFICATIONS

- DeepLearning.AI by Andrew NG (Coursera).
- Machine Learning A-Z Hands on Python and R (Udemy).