Sriniketh Potlapalli

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Education

The University of Texas at Dallas Bachelor of Science: Data Science — Expected Spring 2022
Minor: Finance — GPA: **3.93/4.0**

Taken Coursework: Linear Algebra, Multivariable Calculus with Applications, Theoretical Concepts of Calculus, Data Structures and Algorithm Analysis, Data Analysis for Statisticians and Actuaries

Current Coursework: Database Systems, Mathematical Analysis, Probability

Skills

- **Languages/Tools:** Java, C++, Python, R, SQL, Pine Script, Tableau, AWS, boto3
- **ML Libraries:** ggplot2, pandas, Scikit-learn (sklearn), seaborn, xgboost, nltk

Work Experience

Brink's Inc. Coppell, TX – *Data Analyst Intern* June 2019 – August 2019

- Consolidated numerous infrequently used reports into few widely accessed reports across all departments, achieving a 100% increase in monthly views by department heads
- Developed a consolidated data dictionary for KPIs used in performance metrics across 8 departments
- Collaborated with Global Information Security team using Splunk and Crowdstrike to classify and monitor incoming threats based on level of severity, appropriately dealing with each threat

Projects

Financial News Sentiment Analyzer August 2020

- Applied Natural Language Processing using nltk to quantify the sentiment of scraped financial article headlines for use as an indicator in the Algorithmic Stock Trader

Algorithmic Stock Trader June-July 2020

- Developed a stock trader using python hosted on AWS Chalice, utilizing a REST API to connect to a broker that executes orders, based on Pine Script coded market indicators, stored in AWS DynamoDB

House Price Prediction June 2020

- Examined a raw dataset from kaggle.com in python, using the pandas, seaborn, sklearn and xgboost libraries to predict house prices based on 81 features from a training dataset, achieving a score of 0.141

Economic and Social Relations' Effect on Suicide Rates Report April 2020

- Collaborated with 2 team members to examine a raw dataset from kaggle.com, performing extensive data cleaning and exploratory data analysis in R to find the correlation between economic/social relations with global suicide rates

Brink's Operations Performance Report July 2019

- Deployed a Tableau dashboard with 300 views per month, using SQL to pull data, highlighting areas where performance improvements were necessary in the company's CIT operations

Leadership and Activities

Freshman Mentor Program – University of Texas at Dallas – *Mentor* July 2020 – Present
Eagle Scout – Boy Scouts of America – *Junior Assistant Scoutmaster* November 2018