Sriniketh Potlapalli

github.com/psriniketh57 | linkedin.com/in/srinikethp | 214-226-3885 | sxp180005@utdallas.edu

Education

The University of Texas at Dallas   Expected May 2022
Bachelor of Sciences in Data Science, Minor in Finance   GPA: **3.93/4.0**

Relevant Coursework: Data Analysis for Statisticians and Actuaries, Database Systems, Data Structures and Algorithm Analysis, Discrete Mathematics for Computing, Probability, Information Tech I, Linear Algebra, Multivariable Calculus with Applications, Theoretical Concepts of Calculus, Mathematical Analysis I

Skills & Certifications

- **Languages/Tools:** Java, C++, Python, R, SQL, Tableau, AWS, Pine Script
- **Machine Learning Libraries:** ggplot2, pandas, Scikit-learn (sklearn), seaborn, xgboost, nltk
- **Financial Skills:** Accounting Principles, Cash Flow Management, Scenario Analysis of Financial Models
- **Certifications:** LinkedIn's Python Certification, edX's Data Science: Probability Certification

Professional Experience

Data Analyst Intern – Brink's Incorporated, Coppell, TX   June 2019 – August 2019

- Consolidated numerous infrequently used Excel reports into several widely accessed Tableau reports across all departments, achieving a 100% increase in monthly views by department heads while ensuring data accuracy.
- Created a comprehensive data dictionary for dozens of KPIs used in performance metrics across 8 departments.
- Deployed a Tableau dashboard with 300 views per month, using SQL to pull data while highlighting areas where performance improvements were necessary in the company's Cash in Transit operations.

Projects

Algorithmic Stock Trader   July 2020

- Implemented a stock trader using python hosted on AWS Chalice, utilizing a REST API that executes market orders based on Pine Script coded market indicators while storing successful orders in AWS DynamoDB.
- Applied Natural Language Processing using nltk to quantify the sentiment of 5 scraped financial article headlines every hour for use as an indicator to buy and sell stock, storing sentiment values in DynamoDB.

House Price Prediction   June 2020

- Examined a raw dataset from kaggle.com in python, using sklearn and xgboost libraries to predict house prices based on 81 features from a training dataset.
- Achieved a mean squared error score of 0.141 with the testing dataset.

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

- Cleaned data raw datasets from Kaggle and extrapolating data into R and subgrouping data by variables
- Produced a 22-page report detailing methodologies for gathering, cleaning, and creating inferences from the data which allowed for analysis of economic and social factors with global suicide rates. Produced 6 data visualizations to better understand these trends and associations.

Extracurricular Activities

Freshman Mentor Program – University of Texas at Dallas – *Mentor*   July 2020 – Present

- Guided incoming freshman to excel academically by connecting him to various resources available on campus.

Boy Scouts of America – Troop 1225 – *Junior Assistant Scoutmaster*   June 2012 - November 2018

- Educated young scouts in essential Boy Scout training for rank advancement while ensuring proficiency

Achievements

- 3 time recipient of Dean's list at UT Dallas   Fall 2018- Spring 2020
- Achieved rank of Eagle Scout with 27 merit badges focusing on varying disciplines   November 2018
- Recipient of UT Dallas's Academic Excellence Scholarship   August 2018

Eligible to work in the U.S. with no restrictions for internships and for full-time employment.