

# Sriniketh Potlapalli

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## Education

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**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

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

## Work Experience

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

- Consolidated numerous infrequently used Excel reports into few widely accessed Tableau 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

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**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** 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

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

**Eagle Scout** – Boy Scouts of America – *Junior Assistant Scoutmaster* November 2018