

Haree Srinivasan

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Education

University of San Francisco

June 2020 (expected)

M.S. in Data Science

Courses: Machine Learning, Deep Learning, Distributed Computing (Spark), Relational Databases (SQL), Linear Regression, Time Series Analysis, Statistical Modeling, Experimental Design, Algorithms

University of San Francisco

May 2019

B.A. in Economics with Concentration in Finance

Courses: Calculus I, II, & III, Differential Equations, Linear Algebra, Probability & Statistics

Honors: Undergraduate of the Year for the Economics Department, Dean's Honor Roll

Work Experience

ABC News

Data Science Intern

Dec 2019 – Present

- Predicted results for 2020 primary elections using Python and machine learning models
- Retrieved historical data and election night results from online sources using BeautifulSoup and Selenium through Python
- Forecasted election results using machine learning models on limited incoming data through Python
- Assisted ABC News' Decision Desk by communicating real-time predictions

University of San Francisco Baseball Team

Quantitative Analyst

Nov 2018 – May 2019

- Improved player usage and assessment for the University of San Francisco's baseball team
 - Facilitated data acquisition processes from online data by building scrapers using Python and BeautifulSoup
 - Optimized late game pitching substitution decisions by using statistical models to find ideal pitching matchups for each opposing batter
 - Created a community college player assessment score using statistical modeling to evaluate transfers to the West Coast Conference
 - Performed ad hoc analysis and created data visuals to assist the coaching staff
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Technical Projects

Predicting Flight Delays

- Forecasted airline flight delays and cancellations using machine learning models on an 8 GB dataset with Python and achieved an F_1 score of 0.81
- Expedited the machine learning pipeline using PySpark through an Elastic Map Reduce notebook on Amazon Web Services

Tweet Sentiment Analysis

- Analyzed sentiment of tweets from Twitter using Python scripts and vaderSentiment
 - Displayed the sentiment of each respective tweet by launching a server through Elastic Cloud Compute from Amazon Web Services
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Technical Skills

Languages & Technologies: Python, SQL, Spark, AWS, PyTorch, Git, Tableau, Microsoft Excel

Personal website: <https://hareesrinivasan.github.io/>