Alex Borelli

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EDUCATION

Fordham University, New York, NY   August 2023 - Present
M.S. Data Science, Department of Computer and Information Science
- GSAS Centennial Scholarship
- Relevant Coursework: Mathematics for Data Science, Algorithms, Data Mining

Syracuse University, Syracuse, NY   August 2019 - May 2023
B.S. Sport Analytics, David B. Falk College of Sport & Human Dynamics
- Minors: Economics, Sport Management
- 4.0 GPA, Falk College Scholar, Berlin Scholar
- Relevant Coursework: Calculus, Probability & Statistics, Appl. Programming for Info. Systems, Mathematical Microeconomics, Sport Data Analysis, Intro to Data Base Mgmt. Systems

EXPERIENCE

Major League Baseball (MLB), New York, NY   May 2022 - August 2023
Analytics Intern (May 2023 - August 2023)
- Developed 10+ R scripts to automate viewership reports from databases for MLB Clubs
- Led an initiative to understand differences in viewership as a result of new MLB rule changes
- Conducted analysis on in vs. out-of-market viewership for new MLB operated RSN

Analytics Intern (June 2022 - August 2022)
- Developed insights from internal fan survey dashboard and consumer behavior analysis
- Performed clustering analysis for MLB App to help understand types of users

Syracuse University Athletics, Syracuse, NY   August 2021 - May 2022
Football Database & Recruiting Intern
- Scouted and analyzed 100+ potential high school recruits based on size and ability
- Entered notes and statistics into internal database for coach evaluation
- Presented top recruits weekly to Syracuse football coaching staff with data and insight for support

SBRnet, New York, NY   May 2021 - August 2021
Data Management & Analysis Intern
- Examined fan survey data to create user-friendly dashboards for clients
- Utilized time-series forecasting to project state revenue from legalized sports gambling
- Designed sports data visualizations weekly for company's social media pages

LEADERSHIP EXPERIENCE

Berlin Scholar & Falk College Scholar, Syracuse, NY   August 2022 - May 2023
Research Assistant & Student Support
- Partook in ad-hoc research for professors in Sport Analytics department
- Led a help-desk to assist over 100 undergraduate students in course curriculum

Syracuse University Fantasy Sports Club, Syracuse, NY   September 2021 - August 2022
Co-Founder & Vice President
- Created a fantasy sports club for the Syracuse University community with over 100 members
- Grew club's awareness and managed student's requests for club ideas and projects

PROJECTS

Senior Thesis, Syracuse, NY   September 2022 - May 2023
Understanding the Effects of a Stolen Base Threat on Pitcher Pitch Quality
- Utilized an XGBoost model to construct a Stuff+ metric that was used to determined pitch success
- Findings show pitcher's pitch quality does decrease when a stolen base is likely to be attempted

College Basketball Expected Points, Dallas, TX   November 2022 - February 2023
Awarded 2nd Place at National Collegiate Sport Analytics Competition
- Developed an expected points metric from shot quality data to determine true value of shooters
- Used a random forest model to analyze shot make probability based on various characteristics

SKILLS

- Proficient in R (+ tidyverse) & Python (+ numpy + pandas + matplotlib)
- Experience with databases (Microsoft SQL Server, BigQuery)
- Comfortable with git
- Expert in Microsoft Excel & Tableau