

John (Jack) Remmert

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Pelham, NY

EXPERIENCE

New York Mets

Business Intelligence Associate

Feb 2020 – May 2020



- Modeled Ticket Sales using Machine Learning methods such as Random Forests, ADA-Boost, and XG-Boost in Python with scikit-learn to show Promotions, Discounted Tickets, Day of the Week, and Wins Above Replacement were the most important features
- Built and maintained databases in SQL via REST APIs to track and evaluate merchandise sales
- Designed an Employee Project Reporting Dashboard in Tableau that visualizes the status of BI projects for increased collaboration throughout the organization
- Created Postgame Surveys to enhance our Strategic Marketing and Client Experience Practices
- Developed a dashboard for Sales Reps and Managers detailing Show Rates and Transfer Rates of various Ticket Types based on Promotions, Buyer Types, and Suppliers

Southampton Football Club

Data Analytics Intern

Aug 2018 – Aug 2019



- Supported First Team, Academy, and Recruitment Analysts in analyzing player, team, and league technical and tactical trends
- Implemented Machine Learning techniques in R to predict player ratings, project player's performance in a new league, and identified different playing styles of Strikers
- Web-scraped Transfer Market data to identify financial and demographic trends between teams, leagues, and nationality, which was then presented to the Director of Football, Senior Scouts, and Analysts
- Created R Shiny applications for the First Team and Academy Staff on Set Pieces, showing where the ball is kicked, shot location, and second contact, and on Possession, showing frequent combinations between players, average distance, and direction of passes

Franklin Templeton Investments

Research Associate

Jan 2018 – July 2018



- Securitized Products Research Associate and Trader focused on ARMs, CMOs, and CMBS markets
- Created a Random Forest model to predict ARM pre-payment speeds, which provided a competitive advantage versus the Street's projections in finding suitable securities
- Developed VBA procedures that automated Daily Market emails and monthly Performance Presentations, which were then presented to Senior Portfolio Managers within the team
- Analyzed current dealer inventory of CMO products to provide insight on collateral and structure for arbitrage opportunities

Franklin Templeton Investments

Futures Associate

July 2016 – Dec 2017



- Middle Office Group: assisted in a Strategic Initiatives project, designed new Client Statements, set-up workflow procedures, and other ad-hoc projects
- NY Fixed Income: built templates to analyze client portfolios, helped construct client decks, and researched potential for cryptocurrencies in portfolios
- Portfolio Solutions: created custom hedge fund portfolios for clients, presented to existing clients their current portfolio(s), and researched current and future market forecasts to determine portfolio weights
- Securitized Products Group: assisted with ARMs and CMBS research, cash projections, and helped execute trade entry

EDUCATION

University of Chichester

MSc Sports Analysis

September 2018 – May 2019

Graduated with Distinction

Hobart College

B.A. in Mathematics and Economics

September 2012 – May 2016

GPA: 4/4.0

SKILLS



Python



SQL



R



Tableau



Machine Learning



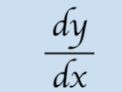
VBA



Probability Theory



Portfolio Analysis



Differential Equations

REFERENCES

John Morris

Director of Business Intelligence

New York Mets

jmorris@nymets.com

Ian Torrance

Senior Recruitment Coordinator

Southampton FC

itorrance@saintsfc.co.uk

AWARDS & MEMBERSHIPS

Sigma Chi Fraternity, *Alpha Alpha Chapter*, Life Loyal Sig Award - 2016

Phi Beta Kappa, 2016
Mathematical Association of America, 2016