Evan Green

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Education

- **Yale University** | GPA: 3.93 | New Haven, CT | May 2017
  - Bachelor of Arts in Applied Mathematics with a concentration in Computer Science with distinction in the Major and Magna cum Laude
  - Member of Phi Beta Kappa
  - Senior Thesis: Studied the role of collaboration and gender on success in a computer science class using network methods, regression techniques, and in-class survey data.
- **Belmont High School** | GPA: 4.14 | SAT 2300 | Belmont, MA | Graduated, June 2013

Work Experience

- **Data Scientist** | IBM Watson Health | Fall 2017 - Present
- **Quantitative Analysis Intern** | New York Yankees | Summer 2017
  - Analyzed baseball data for the baseball operations department using machine learning, regression analysis, and data visualization in R and SQL
- **Football Analytics Intern** | Minnesota Vikings Football | Summer 2016 – Winter 2016
  - Created new metrics to help evaluate player performance and injury risk by analyzing spatial player tracking data with over 10 million observations that had not been previously analyzed
  - Enhanced in game strategic decision making using game theory and machine learning
  - Designed automated reports using R, SQL, and LaTeX that are run after each game
- **Data Science Consultant** | Sports Medicine Analytics Research Team | Summer 2016 – Winter 2016
  - Measured the effects of Achilles, Hip, Sports Hernia, and Stress injuries on NBA players' career trajectories as well as factors that predicted better post injury outcomes
  - Projected future performance and identified comparable players for every NBA prospect in the 2016 NBA Draft and 2016 free agents for the Minnesota Timberwolves
  - Gathered, analyzed, and visualized data in R
- **Data Analyst Intern** | Highbridge Capital Management | Summer 2015
  - Researched and compiled information about US stocks for long and short opportunities
  - Data analysis and scraping were done in R and Excel

Leadership and Activities

- **President and Founder** | Yale Undergraduate Sports Analytics Group | Spring 2015 – Spring 2017
  - Conduct original research using statistical methods, R, and Python to enhance knowledge and understanding of sports strategy and talent evaluation
  - Projects include analyzing play selection in the NFL and player types and synergies in the NBA.
  - Helped Yale Men's Basketball Team identify players' and opponents' strengths and weaknesses
  - Organized and contributed to collaboration with the Yale Daily News
- **Finalist and Participant** | MIT Sloan Sports Analytics Conference Hackathons | Spring 2016 and 2017
  - In 2017, measured unpredictability in NBA passing using spatial analysis; one of three finalists
  - In 2016, visualized and measured defensive spread using football player tracking data
- **Participant** | NBA Basketball Analytics Hackathon | Fall 2016
  - Created interactive graphics about team defense and individual defending styles

Skills

- Technical
  - R, Python, SQL, C, MATLAB, Spark, Java, Racket, LaTeX, Microsoft Excel, Pandas, Numpy, Keras, and Scikit-Learn
- Data Analytics
  - Machine Learning, Data Mining, Modeling, Scraping, Network Analysis, Data Cleaning, and Data Visualization