

Nick Restifo

generalist data scientist

enjoys the search for truth, expected value, and competitive advantage

Contact

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🐦 @nickrestifo

Stack

📊 R (6+)

- Tidyverse
- Shiny

🐍 Python (6+)

- Pandas
- BeautifulSoup

🗄️ SQL (5+)

- MS SQL Server
- Oracle SQL

Skills

Data Science (7+)

- Exploratory Data Analysis
- Research
- Data Visualization

Predictive Modeling (6+)

- Regression & Classification
- Machine Learning
- Testing & Deployment

Data Engineering (6+)

- Web Scraping
- Data Cleaning

Database Administration (3+)

- Data Warehousing
- Database Migration
- Cloud Storage & Computing

Application Development (3+)

- Web Design

Interests

- Basketball & Other Sports
- Poker & Other Games
- Artificial Intelligence
- Politics & Power Dynamics
- Terraforming & Climate Systems

Education



Central Connecticut State University



Master's Degree, Data Mining

January 2013 to May 2016

- Thesis: Modeling the NBA Draft: Leveraging Data Mining Techniques to Project Future NBA Talent



University of Connecticut

Bachelor's Degree, Marketing

August 2007 to May 2011

Experience



Minnesota Timberwolves



Senior Basketball Operations Analyst

December 2016 to September 2020

Assistant General Manager, T-Wolves Gaming

January 2020 to September 2020

- Using an assortment of machine learning and other statistical techniques, built almost all predictive models the Minnesota Timberwolves and T-Wolves Gaming currently use, including draft models, win projection models, and more
- Advised lead decision makers on all matters of draft, trades, free agency, and gameplay strategy
- Managed a full-time basketball operations analyst and three basketball analytics interns
- Constructed the internal basketball operations database, upon which all reports, applications, models, and analysis depend
- Wrote a large share of the code produced to source data, clean data, update database tables, conduct automated analysis, generate reports, and deliver automated messaging
- Developed almost all internal all-in-one methods of player evaluation utilized by the front office
- Designed, managed, and delivered a large share of internal reporting
- Studied and produced detailed deliverables on high-level concepts, strategies, and trends
- Led or oversaw the development of three major internal web applications
- Scouted, both remotely and live, thousands of players on both the professional and amateur levels



Darden Restaurants



Associate Data Scientist

August 2015 to December 2016

- Performed high-level statistical analysis to address the strategic concerns of Darden's executives and chief officers
- Built predictive models that predicted the outcome of customer churn, wine sales, and restaurant attendance
- Completed projects related to employee effectiveness, promotion effectiveness, real estate strategy, and more
- Executed queries for data-pulls at the request of other departments

Additional Experience



Nylon Calculus



Official Staff Contributor

December 2014 to November 2016

- Wrote and conducted studies on basketball strategy, player evaluations, predictive modeling and more
- Built predictive models that predicted the outcome of draft prospects, NBA games, shot results, NCAA tournament at-large bids, and more



Fordham University



Remote Basketball Consultant

October 2015 to July 2016

- Scraped publicly available data to produce advanced statistical reports for the Men's Basketball program
- Provided automated statistical reports to the head coach, as well as a manual summary of their conclusions, on a pre-game basis



Ticket Network

Pricing Analyst

July 2013 to July 2014

- Monitored tickets and sales trends in online exchanges in real time
- Produced and analyzed sales, revenue, profit, and conversion reports in order to price more aggressively and intelligently



University Of New Haven



Special Assistant To The Head Coach

July 2013 to July 2016

Assistant Coach & Basketball Analytics Coordinator

September 2012 to July 2013

- Developed and maintained advanced statistical reports that contained percentages and efficiencies on all levels, including player, team, and lineup
- Provided these reports on both team and opponents to the head coach on an automated, pre-game basis
- Coordinated distribution of film and filming of practice and games
- Assisted in all day-to-day matters of the team, including coaching, game-planning, and advance scouting



Hamden Hall Country Day School

Head Coach

December 2011 to March 2012

- Managed and organized a JV Basketball team during games and practices
- Coached an inherited 0-4 team to 8-13



ESPN

Project Statistics Analyst

August 2011 to March 2012

- Published statistics and game data in real time to various ESPN outputs after ensuring its accuracy
- Updated, edited, and scrubbed information in real time on ESPN outputs that included ESPN.com and Bottom Line



Springfield Armor

Advance Scout

November 2010 to April 2011

- Analyzed games, teams, and players for the team using Synergy Sport Technology
- Compiled custom edits for the coaching staff to analyze before games