Nick Restifo

generalist data scientist enjoys the search for truth, expected value, and competitive advantage

Contact

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nick-restifo



🥌 @nickrestifo

Stack



- · Tidyverse
- Shiny



- Pandas
- BeautifulSoup



- 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

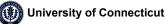


Master's Degree, Data Mining

Bachelor's Degree, Marketing

January 2013 to May 2016

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



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
 - 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





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





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



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





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



December 2011 to March 2012 Head Coach

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



August 2011 to March 2012 Project Statistics Analyst

- 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



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