





# MATT BOLANOS

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## EDUCATION

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### University of Michigan

Master of Applied Data Science: Expected Graduation December 2023

August 2022 - Present

### Northwestern University

Bachelor of Arts in Psychology, Minor in Economics

September 2017 - March 2021

## RELEVANT EXPERIENCE

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### Sports Info Solutions

Basketball Research Analyst

January 2022 - Present

Basketball Research Associate

October 2021 - January 2022

- Built entirety of data pipelines to process data from multiple sources and feed into client-facing API endpoints
- Led data architecture restructuring across NBA draft product and translated legacy data to fit schema
- Developed data ingestion functionality for client-facing web application
- Wrote an internal R package to reduce duplicate code across department repositories
- Led development and design for generating automated player prospect reports
- Built multiple internal processes to deliver automated messaging and streamline data integrity efforts



### Northwestern University Men's Basketball

Basketball and Sports Performance Analyst

August 2020 - March 2021

Undergraduate Manager

September 2019 - March 2021

- Developed strategic models to provide insights on team performance and upcoming opponents
- Wrote ETL scripts to compile and summarize team advanced on-off lineup and shot location data
- Compiled and edited film of team practice and games for coaching staff
- Created reports of biometric data via Catapult API to help optimize team athletic performance during off days



### Brooklyn Nets

Team Marketing Intern

June 2020 - August 2020

- Audited social media trends among professional sports organizations and high-profile brands to refine team strategy
- Identified marketing tactics across the industry and consolidated in weekly reports to supervisors
- Analyzed errors in raw attendance spreadsheets to calculate individual attendance rates
- Organized team photography database to aid social personnel during NBA restart in Orlando



### Northwestern University Psychology Department

Research Assistant

August 2019 - April 2020

- Conducted extensive content analysis of ESPN game log archives
- Created summary statistics of gathered NBA player shooting statistics to investigate "hot hand" fallacy
- Authored research paper accepted to Midwestern Psychological Association Conference



### Legarza Sports

Assistant Director

June 2018 - August 2018

- Mentored and coaching 80 basketball campers aged 5-12 for 40 hours per week at various local sites
- Led camper programming in coordination with dynamic camp schedule and overseeing director

## ADDITIONAL

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**Stack:** R (tidyverse, ggplot2, shiny), Python (pandas, numpy), SQL Server, CSS, HTML, React, Node.js



**Skills:** Data Visualization, ETL Development, Web Scraping, Data Warehousing, Predictive Modeling, Web Development



**Interests:** Wearable Sports Technology, Musicology, Design, Running