

MATT A. BOLAÑOS

matthew.a.bolanos@gmail.com | mattbolanos.com | 650-743-0491

EDUCATION

 **University of Michigan** | School of Information

Master of Applied Data Science: Expected Graduation May 2024

August 2022 - Present

- Cumulative GPA: **4.00/4.00**
- Relevant Coursework: Supervised Learning, Information Visualization, Data Mining, Causal Inference

 **Northwestern University** | Weinberg College of Arts and Sciences

Bachelor of Arts in Psychology, Minor in Economics

September 2017 - March 2021

- Major GPA: **3.70/4.00** | Cumulative GPA: **3.38/4.00**
- Relevant Coursework: Object Oriented Programming in Python and C++, Advanced Statistics and Experimental Design

RELEVANT EXPERIENCE

 **Sports Info Solutions**

Basketball Research Analyst

January 2022 - Present

Basketball Research Associate

October 2021 - January 2022

- Led a data architecture restructuring across NBA draft product and translated legacy data to fit new schema
- Built data pipelines to process data from multiple sources and feed into external facing API endpoints
- Led development of data ingestion functionality to a pre-existing front-end application for NBA pre-draft analysis
- Wrote an internal R package to reduce duplicate code across department repositories
- Built predictive models to provide sports betting lines for various clients
- Created the vast majority of NBA data visualizations featured on company's Twitter account



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
- Collaborated with professor to administer on-campus studies in sports psychology field
- 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

Skills: R, SQL Server, Shiny, Python, Git, Data Visualization, Postgres, HTML, CSS, Notion, Figma

Interests: Wearable Sports Technology, Musicology, Design, Reading