

# 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*

- 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
- 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, Shiny, SQL Server, Python, Git, Data Visualization, Postgres, HTML, CSS, Notion, Figma

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