MATT A. BOLAÑOS

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EDUCATION

University of Michigan | *School of Information*

Master of Applied Data Science: Expected Graduation May 2024   *August 2022 - Present*

- Cummulative 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** | Cummulative 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