

Max J. Nudelman

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Education

University of Denver, Daniels College of Business

Denver, CO

Bachelor of Science in Business Administration - Business Information and Analytics

June 2027

- **GPA:** 3.81
- **Minor:** International Relations

Professional Experience

Fanatics Betting & Gaming

Denver, CO

Associate Risk Trader

June 2026 - August 2026

- Traded 100+ of the 104 matches in the 2026 World Cup, correcting off lines and monitoring live pricing both pre match and in play while managing customer exposure via stake factors.
- Monitored live wagers to flag sharp betting patterns and promo abuse, escalating hundreds of high-risk accounts and limiting repeat exposure.
- Segmented bettors by stake profile and market preference to guide limit setting and pricing, improving hold on low and high confidence markets without losing recreational volume.
- Used bettor psychology, including recency bias and favorite longshot tendencies as well as casual bettor tendencies to adjust lines ahead of public money, reducing exposure and flagging customers whose behavior signaled risk.

Projects

- **World Cup 2026 Forecasting Model (Python):** Elo and Poisson model over 49,417 matches with Monte Carlo simulation of all 48 teams, core model built without external libraries.
- **The Price That Isn't One (R, tidyverse):** Decomposed variance across 2,906 hospitals and 540 procedures of CMS Medicare data, showing list prices explain roughly 6% of what is paid, while hospital identity drives 85% of variation.
- **Stake Factor (SQL, DuckDB):** Clustered bettor accounts across 7 leagues, closing line value flags sharp accounts in five bets.

Additional Experience

Columbia Edgewater Country Club

Portland, OR

Seasonal Groundskeeper

Summer 2024 - Summer 2025

- Coordinated daily with crew and supervisors to set project priorities, report course conditions, and pick up new assignments as the schedule shifted.
- Worked around club members and events during active play, adjusting timing and approach to keep the course presentable without disrupting guests.

Leadership and Community Involvement

University of Denver Men's Volleyball Club

Jan 2026 - Present

Skills

Technical: Python, R, Quarto, SQL, Tableau, Excel (Advanced Certified), Adobe Illustrator, InDesign, Photoshop, Lightroom