Analytical and results-oriented Data Science graduate with a passion for sports analytics. Proficient in programming and data modeling, with a proven track record of accurately forecasting complex outcomes. Seeking to apply skills and knowledge to drive insights and innovation.

**Key strengths:**

|  |  |  |
| --- | --- | --- |
| * Creativity * Data Modeling | * Sports Analytics * Predictive Analytics | * Relationship Building * Strong Work Ethic |

**CERTIFICATES / SKILLS**

* Baseball Analytics**, Scoutables** Certificate**,** Sports Management Worldwide, 2023
* Specialized training in sabermetrics, advanced baseball statistics, data-driven scouting, and in-game preparation.
* Rapsodo Pitching and Baseball Certificate, Jun 2023 and Jun 2024
* Proficient in a variety of programming languages and tools, including R, SQL, Python, Java, SPSS Modeler, Microsoft Excel and PowerPoint, Analytics Solver, JMP, Deep Learning, Machine Learning, seaborn, ggplot2, and pandas.
* Intermediate proficiency in Spanish, enabling collaboration with diverse teams.

**PROFESSIONAL EXPERIENCE**

**PERFECT GAME USA - SCHENECTADY, NY**  June 2024 – August 2024

**Intern, Field Manager**

* Scored/completed each game using DiamondKast software: got substitution changes, took scouting notes on players, and recorded each pitch, marking the velocity and type of pitch.
* Made sure everything ran smoothly on the field: confirmed umpires were on the field prior to games, confirmed both teams were ready to start play, and made sure we didn’t fall far behind schedule.

**REGENERON PHARMACEUTICALS – East Greenbush, NY**  May 2023 - August 2023

**Intern, Process Sciences**

* Collaborated with cross-functional teams to enhance an existing Excel template, leading to data organization and analysis processes being optimized for improved efficiency.
* Developed visually engaging graphical representations of data hierarchy, facilitating clear communication of insights to department stakeholders.
* Led focus groups to gather qualitative feedback and insights.
* Created a project poster summarizing key findings and recommendations, effectively communicating concepts.

**DATA SCIENCE PROJECTS**

**X (Formerly Twitter) Predictions** October 2022 - Present

* Applied predictive machine learning models, using DataRobot or TensorFlow and scikit-learn, to forecast a variety of outcomes, including championship teams and winner for NFL, NBA, NHL, MLB, and college football.
* Achieved high accuracy in predicting performance metrics in dynamic environments. (For validation, please refer to the pinned thread on my X account: @conord282 and my GitHub repository: ConorD28)

**RISP Research** July 2024 – September 2024

* I used Python in Google Colab, Excel, and Baseball Savant to show why MLB teams should use a different approach with RISP. Link to data in Excel: <https://lnkd.in/ejDjPX42>. The code and write-up are on my GitHub: ConorD28

**EDUCATION**

**Marist College – Poughkeepsie, NY** August 2020 - May 2024

* **B.S.** in **Data Science and Analytics** with minor in **Mathematics**
* **GPA**: 3.7; Magna Cum Laude and Dean’s List

**AWARDS / AFFILIATIONS**

* Baseball Analyst (Synergy), Marist’s Sports Analytics Club – prepared scouting reports for Marist baseball team.
* National Society of Leadership and Success
* DataFest Participant twice, Vassar College – made graphs with group that judge said almost won best data visualization.
* Emerging Leaders Program
* Marist Analytics Community
* Triple C Award, Shaker High School - awards courage, character, and commitment.