Oliver Reidmiller

(908)-619-4294 • oliverreidmiller@gmail.com • [Website](#) • [LinkedIn](#)

Education

Dickinson College - May 2024

Bachelor of Science, Data Analytics

GPA 3.73, Dean's List

- **Minors**: Economics and Music
- **Relevant Coursework:** Intro to Data Science with R, Statistical and Machine Learning, Probability and Statistics, Database Systems and Management with Python and SQL, Econometrics
- **Capstone Project**: *Impact of Profanity in Hip-Hop Lyrics on Song Performance across Genders Using Machine Learning*
- **Clubs/Organizations**: Trendsetters: First-Generation Students, Chamber Music

Skills

- **Programming Languages**: R, Python, SQL, Java
- **Statistical Software**: Microsoft Excel, Stata
- **Data Visualization**: Tableau, Power BI
- **Operating Systems**: Windows and MAC OS
- **Other**: Fluent in English and Spanish

Work Experience

Dickinson College Athletic Department - March 2023 – Present

Data Analytics Fellow - Football, Men's Lacrosse, Women's Lacrosse

- Created data visualizations and dashboards to present findings and trends to key stakeholders.
- Collaborated with the Athletics Department to analyze and interpret data related to athlete performance, injury prevention, and game strategies. Developed predictive models using machine learning algorithms to identify potential injury risks among athletes.
- Collected and cleaned large datasets from various sources using web scraping techniques.
- Conducted statistical analyses to extract actionable insights, aiding in informed decision-making for coaching staff.
- Developed data-driven strategies to optimize athlete performance.

Analytics: R, tidyverse, SQL, Tableau, Python

Projects

[Examining the Correlation Between Church Density and Anti-LGBT Legislation](#)

This project investigates sociopolitical influences by exploring the relationship between church density and anti-LGBT legislation. By merging data from GIS datasets, Census records, and the US Religion Census, the goal is to comprehend voting patterns and the broader sociopolitical terrain in the United States.

Analytics: R, Tableau

[Predictive Modeling of Speed Dating Matches using Machine Learning](#)

The project constructs classification models for forecasting matches by analyzing individual characteristics. This data analysis uses the Speed Dating dataset, compiled by Sheena S. Iyengar, to explore decision-making processes in the context of dating.

Analytics: R, tidyverse

Leadership

FRC ROBOTICS

Principal Engineer - December 2018 – May 2021

- Orchestrated collaboration across four technical teams to accomplish organizational objectives, from idea collection to plan formulation and inter- team communication.
- Used Java for software development, including autonomous operations, and led the design of electrical system layouts.

Creative Landscape Construction

Lawn Maintenance Team Supervisor - June 2016-August 2023