

# Oliver Reidmiller

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## Education

**Dickinson College** - May 2024

*Bachelor of Science, Data Analytics*

GPA 3.73, Dean’s List

- Minors: Economics and Music
  - Coursework: Finance and Spanish
  - Capstone: Impact of Profanity in Hip-Hop Lyrics on Song Performance across Genders Using Machine Learning
  - Clubs/Organizations: Trendsetters: First-Generation Students, Chamber Music, Mermaid Players, Math/CS Club
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## Skills

**Programming Languages:** Python, SQL, Java

**Statistical Software:** R, Microsoft Excel, Stata, SBSS

**Data Visualization Software:** Tableau, Power BI

**Data Collection and Analysis:** Machine Learning Models, Web-scraping, Database Systems and Management, Econometrics

**Operating Systems:** Windows and MAC OS

**Other:** Fluent in English and Spanish

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## Professional 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.
  - Performed biomechanical time series data analysis to form models to determine optimal play time.
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## 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 to spearhead software programming efforts, encompassing autonomous operations, and led the design of electrical system layouts.

*Volunteer Mentor* - December 2021 – January 2022

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## Other Work Experience

**Creative Landscape Construction**, *Lawn Maintenance Team Supervisor* (June 2016-August 2023)

**Princeton Blairstown Center**, *Kitchen Assistant* (June 2023-August 2023)

**Chic-Fil-A**, *Front of House Member* (October 2022-May 2023)

**Crumb!**, *Baker* (September 2023-Present)