

# Rafe Mori

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## Education

### University of Wisconsin-Madison

Madison, WI

*Bachelor of Science*

May 2025

Major: Economics with Emphasis in Analytics, Certificates: Data Science | Digital Studies | Digital Media Analytics

GPA: 3.6/4.0 | Dean's List: Fall 2021, Spring 2022, Fall 2022, Spring 2022

**Relevant Coursework:** Data Visualizations, Analytical Public Finance, Econometrics

## Skills & Interests

**Technical:** PowerPoint, Excel, VolleyStation Pro, R, StataSE

**Data Science & Analytics Skills:** Data Science Pipeline (Cleaning, Wrangling, Visualization, Modeling, Interpretation). Statistics, Hypothesis Testing,

## Project Experience

### Data Analysis and Visualization (Journalism Course), University of Wisconsin-Madison

Madison, WI

*Concepts and Tools for Data Analysis and Visualization (class project)*

September 2024 – December 2024

- Cleaned and prepared raw data using tidyverse packages (dplyr, tidyr) for trend analysis, ensuring data quality and consistency.
- Designed interactive and static visualizations using ggplot2, customized aesthetics with themes, and created dashboards with plotly and shiny.

### Data Science Modeling (Statistics Course), University of Wisconsin-Madison

Madison, WI

*Obesity and Income Relationships in the United States (class project)*

January 2024 – April 2024

- Applied hypothesis testing, linear regression, and data cleaning techniques in R to analyze and visualize the relationship between obesity and income in the US using WHO data.
- Sourced and cleaned data from external websites, used ggplot techniques to craft visual graphs, and effectively communicated findings in a final paper and presentation presenting the hypothesized results

## Work Experience

### Film & Analytics Assistant

Madison, WI

*Wisconsin Women's Volleyball Team & Madison LOVB ProTeam*

October 2023 – Present

- Verify accuracy of VolleyStation statistics and code by reviewing film files and correcting as needed
- Input large datasets from Volley Station into Excel to analyze and identify trends, patterns, and correlations
- Provide data-driven solutions to support decision making

### Intramural and Club Sport Supervisor

Madison, WI

*Recreation and Wellbeing*

November 2022 – Present

- Supervise daily operations of intramural and club sports, by helping participants and providing guidance for staff
- Responsible for tracking participant eligibility, checking the safety of equipment, and following all safety regulations
- Trained over 100 new staff members on sports rules and regulations

### Basketball and Volleyball Referee

Madison, WI

*Wisconsin Interscholastic Athletic Association*

November 2021 – Present

- Enforce rules of play and monitored game progress to ensure fairness
- Communicate effectively and resolve any disputes quickly and fairly among all involved parties
- Selected to officiate in the 2024 NIRSA Championship Series for basketball

## Extracurriculars

### Badger Student Officials Association

Madison, WI

*Financial Chair*

September 2022-Present

- Manage relationships with local officials to connect club members with new officiating opportunities off-campus
- Responsible for accurately calculating and distributing roughly 40 payments throughout the year to club members

### Sports Business Classroom at NBA Summer League

Las Vegas, NV

*Selected Participant*

July 2023

- Gained first-hand knowledge from NBA professionals from their perspective on scouting and analytics
- Participated in the "Mock Trade Deadline" project to make trades and signings simulating an actual trade deadline.