Oliver Daboo

Email: oliverdaboo@icloud.com **LinkedIn:** linkedin.com/in/ojdabo27/ **Website:** https://oliverdaboo.github.io/

EDUCATION

Colby College, Waterville, ME   **Expected Graduation May 2027**
Bachelor of Arts in Statistics (with a Minor in Computer Science)   *Cumulative GPA: 3.94*
Coursework: Statistical Modeling, Data Structures and Algorithms, Introduction to Statistics, Linear Algebra
Awards: Dean's List (Every Semester), NESCAC All-Academic Team (Fall 2024), CSC Academic All-District Team (Fall 2024)

WORK EXPERIENCE

Colby College, *Math Teaching Assistant*, Waterville, ME   **January 2024 – February 2024**
- Held weekly two hour TA sessions for students in Calculus with Pre-Calculus II, where I helped them with homework problems, and prepared them for quizzes and tests with one-on-one instruction
- Graded weekly homework assignments and provided a grading rubric for the professor and students

Carnegie Mellon University, *Undergraduate Researcher*, Pittsburgh, PA   **June 2025 – July 2025**
- Research fellow in the Carnegie Mellon Sports Analytics Camp developing skills in R, Git, and Quarto
- Learned regression, regularization, clustering, and machine learning techniques and applied them to sports specific questions which culminated in a Capstone project presented at the end of the camp

PROJECTS

Maximizing Roster Efficiency in the MLS   **June 2025 – July 2025**
Advisors: Dr. Ron Yurko, Quang Nguyen, and Daniel Wicker
- Used Linear and Generalized Additive Models to find how a player's position, age, and nationality affect their contract value
- To be presented to the Charlotte FC front office and at the Carnegie Mellon Sports Analytics Conference

Analyzing Hot Shooting Streaks in the NBA   **September 2025 – Present**
Advisors: Annie Tang, Dr. Tim Chartier
- An independent research study with the Statistics department at Colby College for academic credits
- Analyzing data from the NBA to see if players on hot streaks of shots is random chance, or is there a psychological effect where shots are not independent of one another because of confidence

ACTIVITIES AND SKILLS

Colby College Varsity Men's Soccer, *Athlete*, Waterville, ME   **August 2023 – Present**
- Playing in the New England Small Colleges Athletic Conference (NESCAC) in the NCAA Division III
- Played in 27 of 29 games as a defender, accumulating over 1,500 minutes with one goal and five assists
- Analyzing data from Wyscout including shots, tackles, and duels won to improve on field performance

Colby Athletics Advisory Committee, *Voting Member*, Waterville, ME   **September 2024 – Present**
- A committee of athletic department administrators, varsity coaches, professors, and three students
- Hear petitions and make recommendations on all requests of club sports to be given varsity status
- Review and approve competition schedules, travel to away events, and other trips for each varsity team
- Work to improve the student-athlete experience while facilitating positive working relationships between athletics and teaching faculty in order to support learning in and out of the classroom

Data Programming: *R, Python, Git, Quarto, ggplot, tidyverse*

Data Analysis: *Hypothesis Testing, Linear and Logistic Regression, Clustering, PCA, Regularization, Decision Trees, Random Forest, XGBoost, Generalized Additive Models*