

Asher Friedman

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EDUCATION

Oberlin College, Oberlin, OH

GPA: 3.84 / 4.00; Double Major: Physics, Data Science

August 2023 - expected May 2027

Palo Alto High School, Palo Alto, CA

Diploma earned with GPA: 4.25 / 4.00

August 2019 - June 2023

SKILLS

Coding Languages and Libraries: Python, OpenCV, numpy, matplotlib, R, Java

Statistical Methods: Linear Regression, Logistic Regression, PCA, XGBoost, Random Forest

Software: RStudio, MatLab, Onshape, Excel, Github, Davinci Resolve

Languages: Fluent in Spanish

Relevant courses: Statistical Learning, Data Structures, Ethnomusicology, Signals and Systems, Modern Physics, Control Engineering, Linear Algebra, Differential Equations

PROJECTS

Lacrosse Expected Goals Model

January 2026

- Used machine learning classification techniques to create a model that quantifies the probability that a specific shot results in a goal
- Used computer vision packages in python to track player information and create a dataset from lacrosse game film

WORK EXPERIENCE

Summer Camp Counselor, Camp Nebagamon, WI

Summer 2023, 24, 25

- Senior Cabin Counselor for 15-year-old boys, mentoring campers in daily routines, conflict resolution, and group activities to create a fun environment that fosters on responsibility, independence, problem solving and leadership skills
- Instructed waterskiing for campers ages 8–15, guiding progression from beginner to advanced levels by balancing fun with growth, encouraging resilience, and pushing campers beyond their comfort zones
- Ensured safety and risk management while teaching and operating boats on a public lake, maintaining high standards of supervision, vigilance, and emergency preparedness

Videographer, Oberlin Sports Communication, OH

August 2024 - Present

- On field filming and post production editing creating social media content for Oberlin College athletic teams

LEADERSHIP EXPERIENCE

- Member of the Oberlin Men's Lacrosse Team (Current)
- Led Oberlin Men's Lacrosse Headstrong Mustache Madness fundraiser (2024)
- Team Captain for Palo Alto High School Men's Lacrosse (2023)

INTERESTS

- Automotive repair, Lacrosse, Skiing, Backpacking, Piano, Soccer, Golf, Chess

