

KADIN KOLSTAD

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EDUCATION

Eastern University | St. Davids, PA

Expected May 2027

B.S. Data Science, Minor in Accounting | GPA: 3.94/4.00 | Templeton Honors College

Relevant Coursework: Machine Learning, Data Management, Applied Data Science

TECHNICAL SKILLS

Languages: Python, R, SQL, Java, C++

Libraries: pandas, NumPy, matplotlib, scikit-learn, tidyverse, ggplot2

Tools: Microsoft Excel, Google Sheets, Jupyter Notebook, R Markdown

Methods: Exploratory data analysis, linear regression, hypothesis testing, bootstrapping

SELECTED ACADEMIC PROJECTS

Caffeine and Decision Fatigue Analysis | R, tidyverse, ggplot2

- Analyzed 25,000 records using grouped summaries and visualizations to explore relationships among caffeine intake, sleep, stress, and decision fatigue.
- Fit a linear regression with six predictors and applied correlation tests, partial correlations, and two-sample t-tests to examine associations and potential confounding.

Exercise Experience and Calorie Expenditure | R, tidyverse, ggplot2

- Derived calories burned per hour and compared novice and experienced male cohorts totaling 298 records.
- Implemented 10,000 permutations and 10,000 bootstrap resamples; compared bootstrap and Welch t-test confidence intervals, finding no statistically significant difference in this dataset.

EXPERIENCE

Teaching Assistant, CSCI 175 Python Programming

Aug 2026 - Present

Eastern University | St. Davids, PA

- Support students with Python fundamentals, debugging, and programming logic; explain concepts through individualized guidance for students with varying experience levels.

Resident Assistant

Aug 2025 - Present

Eastern University | St. Davids, PA

- Mentor approximately 18 residents, manage conflicts and student concerns, and coordinate residence-life programming.

Seasonal Fulfillment Center Associate

May 2026 - Aug 2026

Nordstrom ECFC | Elizabethtown, PA

- Supported high-volume fulfillment operations with a focus on order accuracy, productivity, and safety.

Team Lead Intern

May 2025 - Aug 2025

Republican Party of Pennsylvania | Harrisburg, PA

- Led intern projects involving outreach, campaign logistics, and data tracking; managed spreadsheets and databases supporting statewide operations.

ATHLETICS

Eastern University Men's Volleyball | NCAA Division III | Defensive Specialist