Zach Winship

DETAILS:

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LinkedIn: /in/zwinship

SKILLS:

- Econometric Modeling
- Quantitative Research
- Policy Analysis
- Statistical Software
- Mathematics/Statistics
- Time Management
- Adaptable

PROGRAMING LANGUAGES:

Python
R (R Studio)
SQL
Stata

COURSE WORK:

Applied Econometrics
Quantitative Methods in Econ
Inter. Micro/Macroeconomics
Economic Policy Modeling
Time Series Analysis
Applied Statistics
Calculus I, II, and III
Linear Algebra

REFERENCES:

Available upon request.

SUMMARY:

Highly motivated Quantitative Economics student at Bentley University with a strong academic record and a passion for data-driven analysis. Seeking opportunities to apply quantitative and analytical skills to solve complex challenges across diverse fields, including data science, transportation, consulting, public policy and economics.

EDUCATION:

Bentley University, Waltham, MA | 2022 - May, 2026
Bachelor of Science in Quantitative Economics
Minor in Data Technologies and Mathematics
3.71 GPA

EXPERIENCE:

Regulatory Data Intern | Summer 2025
American Action Forum, Washington, D.C.

- Support research on federal regulations through extensive data collection, cleaning, and analysis, in Python and Excel.
- Assist in building and updating datasets/dashboards on regulatory actions using government databases.

Research Assistant | Professor Savannah Adkins | May-Dec 2025
Department of Economics, Bentley University

- Compiling a dataset of ASSA conference sessions using Python scraping, focusing on geographic coverage.
- Performed econometric analysis in Stata on global trends & socioeconomic bias in economic-focused work.

RESEARCH PAPERS:

Papers - tinyurl.com/zwinship (Link to Full Papers)
GitHub - github.com/zwinship (Paper Code Pinned on Profile)

Time Series Research Paper
Bentley University | Spring 2025

- Developed an ARIMA-based forecasting model to predict MBTA ridership and optimize train scheduling for cost efficiency and rider satisfaction.

Econometric Research Paper
Bentley University | Fall 2025

- Used Stata, Python, and a triple difference-in-difference (DiD) model to analyze polling exposures effect on voter behavior.