

# Zach Winship

## DETAILS:

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**Portfolio:** [zwinship.github.io](https://zwinship.github.io)

**GitHub:** [/zwinship](https://github.com/zwinship)

**LinkedIn:** [/in/zwinship](https://in/zwinship)

## SKILLS:

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

## PROGRAMING LANGUAGES:

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Python  
R (R Studio)  
SQL  
Stata

## COURSE WORK:

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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:

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Available upon request.

## SUMMARY:

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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:

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### **Bentley University, Waltham, MA | 2022 – May, 2026**

Bachelor of Science in Quantitative Economics

Minor in Data Technologies and Mathematics

3.7 GPA

## EXPERIENCE:

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### **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:

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Papers - [tinyurl.com/zwinship](https://tinyurl.com/zwinship) (Link to Full Papers)

GitHub - [github.com/zwinship](https://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