

EDWARD GILLIGAN
Bedford Hills, NY | [My Website](#)

EDUCATION

University of Virginia, College of Arts and Sciences**Charlottesville, VA**Bachelor of Science (*expected 2026*), Economics**(2023-Present)**Bachelor of Arts (*expected 2026*), ClassicsMinor (*expected 2026*), Mathematics

GPA 3.63, Department GPA 3.75

- Relevant courses: Industrial Organization, Game Theory, Introduction to Econometrics, Linear Algebra, Ordinary Differential Equations, Basic Real Analysis, Introduction to Probability
- College of Arts and Sciences Dean's List Spring 2024, Fall 2024, Spring 2025
- **Skills:** Python, Stata, oTree, LaTeX, Ancient Greek (Attic, Homeric), MS Office Applications

RELEVANT EXPERIENCE

University of Virginia Department of Economics**Charlottesville, VA**

Research Assistant

(April 2025 – Present)

- Contributed to writing a paper on Cursed Job Market Signaling, an extension of Spence's 1973 Job Market Signaling Paper, focusing on mathematical predictions and theoretical development of the simple one sender, one receiver incomplete information game and its subsequent applications.
- Helped design an economic experiment and easily runnable simulations using oTree and Python to investigate the theoretical predictions presented in the paper.
- Managed data collection, organization, presentation and participant flow using Stata and Python.
- Analyzed experimental results and contributed to interpreting findings in the context of economic theory, policy, and market implications.

PERSONAL PROJECTS

Econometric Paper and Analysis

- Researched the effect of the legalization of online sports gambling on the change in bankruptcy rates in the United States on a county by county basis from 2017 to 2022.
- Aggregated and cleansed over 25 million units of data from myriad sources using Stata.
- Utilized economic theory and the standard fixed effects regression estimation method to eliminate endogeneity issues and capture the requisite relationships between the variables of interest.

Matrix Calculator

- Coded program in Python with an approachable, easy to follow UI that finds the reduced row echelon form, inverse, and determinant of any nxn sized matrix.

OTHER EDUCATION

Binghamton University, College of Arts and Sciences & School of Management**Vestal, NY**

GPA (3.88), member of Scholars Program (top 2% of admitted students)

(2022–2023)

- College of Arts and Sciences Dean's List Fall 2022, Spring 2023