

Education

Brown University, *Magna cum laude*

Bachelor of Science with Honors in Applied Mathematics-Economics

Bachelor of Arts in Computer Science

Providence, RI • September 2016-May 2020

Working Papers and Data

Pandemic Schooling Mode and Student Test Scores: Evidence from U.S. States

[NBER Working Paper 29497](#), November 2021 (with Emily Oster, Rebecca Jack, and Clare Halloran)

Newspaper Membership in the U.S. Congressional Press Galleries 1875-1939

Digitized data from historical copies of the *Congressional Directory*.

Research Experience

Massachusetts Institute of Technology

Cambridge, MA • June 2020-June 2022

Pre-doctoral Research Fellow to Professor Amy Finkelstein in the Economics Department

- Provided research assistance on a project studying the productivity and quality of skilled nursing facilities and **estimated structural models** of nursing home value added
- Worked on a project studying the quality of Medicare Part D plans offered to low income beneficiaries

Brown University

Providence, RI • June 2017-June 2020

The Effect of Transparency on Political Speech: Evidence from the U.S. Congressional Press Galleries

June 2019 - June 2020

- Economics Honors Thesis Advised by Professor Jesse Shapiro
- Digitized historical copies of the *Congressional Directory* using state of the art **deep learning based OCR** to analyze novel data on press gallery membership in the U.S. Congress from 1875-1939
- Using text from historical newspapers, I find entry into the press gallery **meaningfully changes coverage of Congress**, but said coverage does not impact the way in which politicians speak (as judged from language in the *Congressional Record*)

Research Assistant to Professor Emily Oster in the Economics Department

June 2018-January 2020

- Scripted in R and Stata to clean data and visualize the results of regression analysis
- Made use of natural language processing techniques to automate the summarization of ACOG practice bulletins

Research Assistant to Professor Arthur Salomon in the Biochemistry Department

June 2017-August 2019

- Created a **novel machine learning technique** to predict accuracy of LC-MS relative quantitative data
- **Supervised the projects** of 3 other undergraduate researchers

Teaching Experience

Brown University

Providence, RI • September 2018-June 2020

Teaching Assistant

- Undergraduate Real Analysis (MATH 1010 Spring 2019 and Spring 2020)
- Undergraduate Mathematical Econometrics (ECON 1630 Spring 2020)
- Undergraduate and **Graduate** Deep Learning (CSCI 1470/2470 Fall 2019)
- **Graduate** Statistics for Program Evaluation (MPA 2040 Summer 2019)
- Undergraduate Multivariable Calculus (MATH 0180 Fall 2018)

Professional Service

- Referee for the *American Economic Review: Insights*

Leadership

Tink Knit 501(c)3

Providence, RI • September 2017-June 2019

President

- Led a **501(c)(3)** nonprofit with a staff of **40 plus** individuals teaching low-income women in Providence to make knitwear that earned them income
- Created an **e-commerce platform** to increase sales and spread awareness about our organization

Meiklejohn Peer Adviser

Providence, RI • September 2017-June 2019

Peer Adviser

- Advised first-year Brown students as they started college

Honors and Awards

- Outstanding Thesis Award in Economics, 2020
- Inducted into the Rhode Island Chapter of Omicron Delta Epsilon, 2020
- Pathfinder Scholarship in Mathematics, 2016

Languages and Technical Skills

Technical: Stata, R, Python, Matlab

Languages: English (native) and French (basic conversational proficiency)