

# Malcolm Certain

📍 Providence, RI   🏛️ Brown University   ✉️ malcolm\_certain@brown.edu   📞 206-276-9220

## Education

**Brown University** Providence, RI  
Sc.B. in Applied Mathematics - Economics and Urban Studies (4.0 GPA) Spring 2026 (expected)

## Research Experience

**Rhode Island Public Expenditure Council** Providence, RI  
Intern Fall 2025

- Cleaned and analyzed large data sets on government revenues and expenditures in Excel
- Conducted literature review and regression analysis on chronic absenteeism in Rhode Island

**Annenberg Institute at Brown University** Providence, RI  
Undergraduate Research Assistant, Matthew A. Kraft Fall 2024 – Present

- Significantly improved runtime, memory usage, and readability of R, Python code processing large data sets
- Ran event studies on effects of natural disasters on student outcomes in Stata

**Brown University** Providence, RI  
Undergraduate Research Assistant, Anna Aizer Summer 2025

- Created complete data analysis pipeline from raw data to results in Stata
- Managed team of undergraduates, taught them research and Stata skills

**Annenberg Institute at Brown University** Providence, RI  
Undergraduate Research Assistant, Jesse Bruhn Spring 2025

- Came up with main identification strategy for research project
- Created effective data visualizations for internal use in R
- Wrapped R code in functions to flexibly apply empirical strategy to different events

**Brown University** Providence, RI  
Undergraduate Research Fellow for Social Science and Public Policy Summer 2024

- Cleaned and analyzed large amounts of Census data in Stata

## Teaching Experience

**Brown University** Providence, RI  
Undergraduate Teaching Assistant Spring 2023 – Present

- Taught undergraduates skills in microeconomics, econometrics and mathematics
- Organized additional skills-building workshops for students

**Brown University** Providence, RI  
Economics Peer Advisor Fall 2025 – Present

- Provided academic and professional advice to economics students at Brown

**Brown University** Providence, RI  
Meiklejohn Peer Advisor Fall 2025 – Present

- Advised group of six first-years on academics and extracurriculars

## Awards and Honors

Phi Beta Kappa Spring 2025  
Omicron Delta Epsilon Spring 2025

## Skills

**Programming Languages:** R, Stata, Python, Julia, SQL

**Software:** Git, Excel, LaTeX, ArcGIS

**Academic:** Econometrics, causal inference, report writing, literature review, microeconomics