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	Spring 2026 (expected)

Research Experience

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

Contributed to multiple projects at intersection of climate change and education. Significantly improved code runtime, memory usage, and readability. Ran event studies on the effect of natural disasters on student outcomes.

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

Analyzed effect of school finance reforms on infant health. Managed team of undergraduate research assistants, taught them Stata and research skills.

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

Conducted initial analysis on how city council meetings are shaped by political context. Came up with main identification strategy for project. Wrapped R code in functions that applied research design to different events.

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

Cleaned and analyzed data on the effects of credit access on building intergenerational wealth. Participated in skills-building workshops on Stata, research practices.

Teaching Experience

Brown University	Providence, RI
Undergraduate Teaching Assistant, Intermediate Microeconomics	Spring 2024, Fall 2025
Undergraduate Teaching Assistant, Economics of Social Policy	Spring 2025
Tutor, Math Resource Center	Fall 2024
Undergraduate Teaching Assistant, Single Variable Calculus I	Spring 2024
Undergraduate Teaching Assistant, Single Variable Calculus II	Fall 2023
Undergraduate Teaching Assistant, Applied Ordinary Differential Equations	Summer 2023
Undergraduate Teaching Assistant, Multivariable Calculus	Spring 2023
Math Teaching Fellow	Spring 2023

Awards and Honors

Phi Beta Kappa	Spring 2025
Omicron Delta Epsilon	Spring 2025

Skills

Programming Languages: Stata, R, Python, Julia, SQL
Software: LaTeX, ArcGIS, Git