Corey Gelb-Bicknell

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EDUCATION

Brown University   September 2019 – December 2023
B.S. in Applied Math-Economics, B.A. in Computer Science
GPA: 4.00 | **GRE:** 170Q / 170V | **Honors:** Phi Beta Kappa, Omicron Delta Epsilon

Relevant Coursework: Mathematical Econometrics, Big Data, Machine Learning, Microeconomics, Macroeconomics, Social Policy, Growth Theory, Behavioral Economics, Corporate Finance, Investments, Algorithms and Data Structures, Database Systems, Statistical Inference, Computational Statistics (I & II), Differential Equations (I & II), Multivariable Calculus, Linear Algebra

Code: SciPy stack (NumPy, pandas, Scikit-Learn, statsmodels), TensorFlow, R, Stata, SQL, C
Stats: Causal inference (IV, DiD, RDD), Bayesian (MCMC), nonparametric (KDE, k-NN, bootstrap), ML (trees, boosting, SVMs)

INDUSTRY EXPERIENCE

Boston Consulting Group   **Boston, MA**
Associate   Jun 2023 – Aug 2023, Aug 2024 – Present
- Led end-to-end logistics RFP: cleaned and structured messy shipment data, leveraged ChatGPT API for large-scale record categorization, developed RFP templates, managed bidding, and awarded contracts yielding $3M in savings

RESEARCH EXPERIENCE

Harvard Business School   **Cambridge, MA**
Research Assistant to Prof. Karim Lakhani   Feb 2024 – June 2025
- Contributed to two major papers (One in final review with *Nature*), producing figures, appendices, and referee responses
- Rebuilt codebase (Stata→R), identified a result-altering bug, and implemented robustness checks (e.g., multi-way clustering)
- Led an extension study: hired/managed 7 graders to score 15k+ art designs; results validated and extended main findings
- Developed heterogeneity analyses (moderated regressions, decision forests) to test how GPT-4's effects vary by baseline skill

Columbia CDEP (AI + Development Initiative)   **New York, NY**
Research Assistant to Prof. Daniel Bjorkegren   Feb 2024 – July 2024
- Developed multi-step workflow in Python & R to clean, validate, and merge geospatial and fee survey data, producing hexagonal heatmaps of registration and daily fee variation in Lagos, Nigeria

Economics Capstone Project, *Advised by Prof. Emily Oster*   Completed May 2023
- Constructed novel measurement strategy with ACS/IPUMS data to identify same-sex couples, validated estimates against historical birth data, and applied a panel event study to test the impact of same-sex marriage legalization on parenthood

Economics Research Project, *Advised by Prof. Daniel Björkegren*   Completed Dec 2022
- Developed causal forest to measure racial bias in mortgage loan approval process

Federal Reserve Bank of Richmond   **Richmond, VA**
Presidential Office Economics Research Assistant   May 2022 – Aug 2022
- Served as research analyst for Richmond Fed President Tom Barkin, writing weekly memos on unsettled macroeconomic questions and a capstone report on causal drivers of the 2022 government employment shortfall, to inform FOMC discussions

Duke University Behavioral Economics Lab   **Durham, NC**
Research Consultant for NOVA on PBS   Sep 2020 – May 2021
- Consulted on research and implementation of behavioral economics-based financial education game for NOVA on PBS
- Authored lit review on experimental evidence of interventions that reduce cognitive biases in financial decision-making

EXTRACURRICULARS

Brown Economics Department   **Providence, RI**
Teaching Assistant in Mathematical Econometrics, Prof. Jonathan Roth   Sep 2022 – Dec 2022

Brown Daily Herald   **Providence, RI**
Data Desk Senior Writer, Section Editor, Podcast Director   Sep 2019 – Dec 2022

Brown University Population Studies and Training Center   **Providence, RI**
Research Communicator   Sep 2020 – Dec 2020
- Published digital content synthesizing faculty research across demography, health, and labor economics

Hobbies: Running, rock climbing, reading, rejecting the null hypothesis