

Samuel E. Ross

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EDUCATION

• Haverford College

Haverford, PA

B.S. in Mathematics & Economics; GPA: 3.97; Major GPAs: 4.0

Aug 2021 – May 2025

- **Selected Coursework:** Abstract Algebra, Advanced Econometrics, Advanced Microeconomics, Functional Analysis, Macroeconomics, Machine Learning, Measure Theory, Multivariate Statistics, Political Economy, Real Analysis
- **Athletics:** Varsity Cricket Team (Batsman)

EXPERIENCE

• Federal Reserve Bank of New York

New York, NY

Incoming Summer Analyst, Macroeconomic and Monetary Studies

Jun 2024 – Aug 2024

• Harvard University, Department of Economics

Cambridge, MA (Remote)

Research Assistant for Professor Kenneth S. Rogoff

Aug 2023 – Present

- **US Global Performance Book:** Assemble and clean datasets (from BIS, IMF, Refinitiv, World Bank, etc.) in R to create figures for a forthcoming book about the evolution of the US macroeconomy from an international perspective.

• Federal Reserve Board of Governors

Washington, DC

Year-round Intern, Stress Testing Research

Jun 2023 – Jan 2024

- **Corporate Debt Paper:** Co-authoring a journal article about the transmission of monetary policy through the corporate loan market. Merged, cleaned, and analyzed several large regulatory datasets (SNC, Y-14Q, Y-9C) using SQL, Stata, and Python. Retained part-time during the academic year to continue this work remotely.
- **CECL Impact Project:** Constructed several matched-sample and synthetic controls specifications to study the impact of the CECL accounting standard on bank lending and net allowances, extending a FEDS Note (Loudis et al., 2021).

• Haverford College, Department of Economics

Haverford, PA

Research Assistant for Professor Carola Binder

Mar 2022 – Aug 2022

- **Price Controls Book:** Synthesized research and primary sources into passages for a forthcoming book about historical price controls in the United States (*Shock Values*, University of Chicago Press, 2024).
- **Explainer Review:** Wrote a review of the pop-econ explainer *Can't we just print more money?* (Patel and Meaning, Bank of England, 2022) that was published in *Central Banking* magazine with my supervisor and a colleague.

ACTIVITIES

• Haverford Economic Research Club

Haverford, PA

Founder & Co-Head

Oct 2021 – Present

- **Covid Reopening Extension:** Led a team extending Chetty et al. (2023) by investigating sector-based heterogeneity in states' Covid reopening timelines. Built a Python web scraper to crawl NYT archives for reopening data, then used synthetic controls to evaluate the impact of different sectors' reopenings on employment, spending, and business activity.
- **Göttingen Webinar Presentation:** Presented the club's replication and extension of Chetty et al. (2023) in a joint University of Göttingen and Institute of New Economic Thinking (Young Scholars Initiative) webinar series in Nov 2022.

• Haverford Problem Solving Group (Math Club)

Haverford, PA

Founder & Co-Head

Aug 2021 – Present

- **Putnam Exam Performance:** Supported Haverford's record top-20 placement in the 2021 and 2022 Putnam exams by organizing, advertising, and leading weekly competitive mathematics training events.
- **Accessible Pedagogy:** Fostered a diverse and inclusive mathematical community by assembling weekly problem sets that drew questions from various subdisciplines and catered to a range of proficiencies.

PUBLICATIONS

- "Reopening After Covid: A Replication and Extension of Chetty et al.: 'The Economic Impacts of COVID-19.'" (2022, with Annais Gangolf and Devansh Goyal), U. of Göttingen/INET-YSI Joint Replication Webinar Series.

SKILLS SUMMARY

- **Awards:** Class of 1896 Prize in Mathematics (Haverford College), American Mathematical Society Nominee Membership
- **Programming:** HTML, Java, L^AT_EX, Mathematica, MATLAB, Python (i.e., TensorFlow, Keras, sklearn), R, Stata, SQL
- **Tools:** Google Workspace, Git, Microsoft Office (i.e., Excel, Powerpoint, Word), Refinitiv, Unix, Tableau, Vim, Zotero
- **Languages:** English (Native), French (Proficient)
- **Citizenship:** United States