

Peter J Liu

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Education

- New York University**, PhD in Economics 2023 – 2029 (Expected)
• **Field:** Macroeconomics
- Georgetown University**, BA in Economics (with honors) and Mathematics 2018 – 2021
• *summa cum laude*

Experience

- Research Associate**, Federal Reserve Bank of San Francisco 2021 – 2023
- Utilized novel econometric tools for causal inference to understand the factors that contributed to the rise of U.S. inflation during the pandemic. This research led to two policy briefs on the bank website, receiving media attention from major news outlets such as Bloomberg and The Washington Post.
 - Produced clear and professional figures in R illustrating current macroeconomic trends to guide economists in policy briefings and meetings with the board of directors and the president.
- Research Department Intern**, Federal Reserve Bank of Cleveland May 2020 – Jul 2020
- Wrote Python code to classify companies by their industry NAICS code to study the macroeconomic consequences of mass layoffs. Collected company-level data on the internet using web search APIs.
 - Web scraped historical newspaper articles in Gale library databases. Identified time series trends in consumer sentiment on inflation with automated text analysis.

Works in Progress

Consumption and Investment Elasticities over the Business Cycle
A Quantitative Theory of Gentrification

Technologies

Languages: Python, R, SQL, Java, C/C++, Julia, Matlab, Stata

Relevant PhD Coursework: Deep Learning, Machine Learning, Probability Theory II (Stochastic Calculus), Empirical Asset Pricing, Empirical Macroeconomics

Relevant BA Coursework: Senior Thesis Seminar, Data Visualization and Graphics

Awards and Achievements

2023 MacCracken Fellowship
2021 Phi Beta Kappa