

TYLER SOTOMAYOR

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EDUCATION

Columbia University, New York, NY Fall 2024–Present

B.A. in Economics–Mathematics, expected May 2027. GPA: 3.41

Coursework: Intermediate Microeconomics and Macroeconomics, Financial Economics, Labor Economics, Econometrics, Modern Analysis, Probability and Statistics, Statistical Theory, Multivariable Calculus, Linear Algebra

Barcelona School of Economics, Barcelona, Spain 2024–2025

Executive Education — graduate-level professional courses in macroeconometrics and forecasting:

Time Series Models for Macroeconometric Analysis (Spring 2024); Bayesian Macroeconometrics (Spring 2025); Macroeconomic Forecasting: Machine Learning and Time Series Methods (Spring 2025); Nowcasting and Forecasting with High-Frequency Information (Spring 2025)

Rollins College, Winter Park, FL 2023–2024

B.A. program in Economics; transferred to Columbia, Fall 2024. GPA: 4.0; President’s List (Fall 2023, Spring 2024)

Thesis (independent study): “Contractionary Monetary Policy Shocks and Financial Stress Under Varying Inflation Regimes” (Spring–Summer 2024)

Coursework: International Relations, Political Economy of the Middle East, Environmental Economics, Writing in the Liberal Arts

Valencia College, Orlando, FL Spring 2023

Associate of Arts, General Studies; President’s List (Spring 2022)

Coursework: Multivariable Calculus, Differential Equations, Computer Programming (Python)

RESEARCH EXPERIENCE

Columbia University, Department of Economics Fall 2024–Present

Research Assistant to Kathryn Cassavell McDonald, Ph.D. candidate

Projects: “Optimal Information, Financial Heterogeneity, and Investment Decisions” and “Endogenous Production Networks and Trade Shocks”

- Built a novel panel dataset on the global production networks of retail firms, aggregating multiple data sources through API calls and custom web-scraping scripts.
- Developing an instrument for ECB monetary policy shocks based on euro short-term rate (€STR) futures.
- Conducted the literature reviews for both projects and created a system for organizing and tracking sources.

PRESENTATIONS

“Tipping the Tax: How Government Surcharges Become Gratuities” (with Gabriel Uceda-Sosa) 2026
PREDOC Undergraduate Research Conference, Chicago Booth School of Business

“Heterogeneous Effects of Merit-Based Aid on Institutional Access” (with Gabriel Uceda-Sosa) 2026
Economic Scholars Program, Federal Reserve Bank of Cleveland

“Belief Distortions and Endogenous Wage Rigidity in a Search Economy” 2026
Promoting Inclusion in Economic Research (PIER) Conference, Williams College

“[When the Message Meets the Moment: State-Dependent Effects of Monetary Policy Surprises on the Term Structure of Inflation Expectations](#)” 2025

PREDOC Summer Research Conference, World Bank; Columbia Undergraduate Research Symposium

CONFERENCE & EDITORIAL SERVICE

Columbia Economic Review

Fall 2024–Present

Lead Editor

- Direct a team of staff editors reviewing and editing undergraduate economics research from across the country.

PER Pre-Doctoral Mini Conference, Columbia University

May 2026

Discussant

Economic Scholars Program, Federal Reserve Bank of Cleveland

2024, 2025

Discussant (April 2024, April 2025); Peer Review Board Member (March 2024, March 2025)

- Evaluated proposals against the program rubric to select the papers and posters presented at the research symposium.
- Delivered prepared discussant comments and questions on papers presented at the conference.

LEADERSHIP & ACTIVITIES

Economic Club of Rollins College — Founder & Chair

Spring 2024

- Founded a student organization open to undergraduates of all academic paths for discussing and debating economic issues beyond the classroom; created the college's first campus-wide economics essay contest.
- Led the executive board and policy committees; organized visiting speakers, collaborative student research projects, and social events.
- Oversaw the club's strategy, finances, and regulatory compliance; served as liaison to faculty advisors, student government, and the administration.

SKILLS & ADDITIONAL

Programming: Python, R, Stata, Java, Julia, MATLAB, SQL, VBA, JavaScript (D3.js), HTML/CSS

Data & platforms: Haver Analytics, Bloomberg Terminal, MySQL, MongoDB, Power BI, Tableau

Software & tools: L^AT_EX, Git, Linux terminal, EViews, GIS, Excel (advanced functions), Microsoft Office (PowerPoint, Access, SharePoint), Adobe Photoshop, InDesign, Illustrator

Workshops & certificates: Causal Inference I–III and Machine Learning and Causal Inference workshops (The Mixtape Sessions, Scott Cunningham); [UCF Data Analytics & Visualization Certificate](#)

Interests: Avid distance runner and concert pianist