

Brendan Cirillo

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Education

University of Missouri, Columbia, Columbia, MO

Doctor of Philosophy in Economics (Defense in August 2025)

GPA: 3.9/4.0

Master of Arts in Economics (Exit Program - May 2020)

GPA: 4.0/4.0

Awarded Maw Lin Lee Scholarship for Excellence in Graduate Study

2023

Work Experience

Office of Management and Budget, Washington, DC

February 2024 - Current

Pathways Economist

- Led the team that rewrote and modernized the federal individual income tax microsimulation model in Python and Stata, significantly improving efficiency and accuracy in scoring tax policy changes for the President's Budget.
- Modeled the revenue impact of closing international profit-shifting loopholes, contributing to forecasts of \$600-700 billion in potential federal tax gains.
- Forecasted job and GDP recovery potential under scenarios of reduced import penetration in autos; produced both optimistic (175K jobs, \$200B) and conservative (50K jobs, \$80B) estimates.
- Conducted policy evaluation of Inflation Reduction Act investments, estimating the economic impact of \$4 billion in targeted community funding.
- Provided fact-checking and economic analysis for presidential speeches and internal memos; contributed free trade agreement analysis that informed cabinet-level discussions and external communications.
- Co-authored weekly memos for senior OMB leadership and Associate Directors, including economic insights into tariff revenue estimation versus actual revenue collection.

University of Missouri, Columbia, Columbia, Missouri

May 2021 - May 2025

Research Assistant

- Designed and implemented econometric methods to evaluate the policy impact of state and federal reforms in health, crime, and voting.
- Built forecasting tools for agricultural economics, improving projection accuracy in data-constrained environments.
- Taught classes of 50+ students in microeconomics and political economics.
- Presented economic research at 4 academic conferences.

Government Accountability Office, Washington, DC

May 2023 - August 2023

Analyst Intern

- Reviewed workflows for measuring credit disparities for a congressional report influencing policy decisions.
- Assessed the financial impact of a \$1.45 billion federal grant program in the Farm Credit System within a small interdisciplinary team.
- Delivered internal training on student loan statistics and potential policy implications.

Economic Consulting, Columbia, Missouri

May 2023 - December 2023

- Designed and implemented Monte Carlo simulations to quantify the financial impact of potential wrongdoing, directly informing litigation strategies.
- Translated economic risk analysis into courtroom-appropriate documentation.

T-Mobile (formerly Sprint), Overland Park, Kansas

September 2017 - September 2020

Senior Pricing Analyst, Pricing Analyst

- Built and maintained Excel-based pricing models for enterprise wireless and wireline contracts, incorporating cost structures, margin targets, and customer-specific terms.
- Conducted customer-level financial analysis in Excel to estimate customer lifetime value.
- Collaborated with sales teams to support large account negotiations using customized pricing solutions.
- Developed and launched an internal website to centralize pricing tools and streamline communication across the pricing department.

Technical Skills

- **Tools:** R, Python, Stata, Alteryx (briefly at T-Mobile), MATLAB (class), and SQL (class)
- **Methodologies:** Causal inference, Difference-in-Differences (stacked, staggered, and honest-DiD), synthetic control, Monte Carlo simulations, large dataset analysis, time series forecasting.

Volunteering Experience

The Food Bank for Central and Northeast Missouri, Columbia, Missouri

September 2022 - Feb 2024

SNAP Volunteer

75-100 hours/year