

Joe Tatarka

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EDUCATION

University of Notre Dame

Bachelor of Science

Double Major: Mathematics (Honors), Economics (Honors)

May 2023

magna cum laude

GPA: 3.949

RESEARCH EXPERIENCE

Predoc at University of Chicago Booth School of Business

June 2023 - Present

- Work with Professors Chad Syverson and Austan Goolsbee on a project studying recent labor productivity trends in the restaurant industry
- Use SafeGraph foot traffic and spend datasets to examine labor productivity at individual restaurants
- Assist with editing and work with the Booth contracts team to acquire datasets

Research Assistant for Notre Dame Professor Yong Suk Lee

Spring 2023

- Assisted on the early stages of a project related to telehealth using health insurance claims from Anthem
- Worked with Anthem employees to access dataset and perform preliminary data analysis

Research Intern at Notre Dame's Lab for Economic Opportunities (LEO)

May 2022 - Dec. 2022

- Assisted with data work on randomized control trials of poverty interventions
- Wrote Stata code to clean data and create graphs/tables for LEO's evaluation of Step Up, a program aiming to reduce recidivism and violence of inmates in the Lubbock County Detention Center in Texas

Research Assistant for Notre Dame Professor A. Nilesh Fernando

Spring 2022

- Proofread drafts of Professor Fernando's research papers and grant applications
- Explored the possibility of using vegetation indices, such as the Normalized Difference Vegetation Index (NDVI), from satellite imagery to study the effect of a chemical fertilizer ban in Sri Lanka

PERSONAL RESEARCH

Honors Senior Thesis

April 2023

Do ESOPs affect Firm Performance and ESG?

Advisor: Professor Yong Suk Lee

- Studied the effects of employee stock ownership plans (ESOPs) on measures of firm performance and Environmental, Social, and Governance (ESG) scores using a matching strategy to compare similar firms with and without ESOPs

Advanced Labor Economics Term Paper

Spring 2023

Heterogeneous Employment Effects of the EITC

Professor James Sullivan

- Expanded upon prior papers exploring the earned income tax credit (EITC) to examine if effects differ by age or race using a difference-in-difference strategy comparing unmarried women without children and unmarried mothers

Future of Labor Term Paper

Spring 2022

Unions and Automation (with Anthony Tatarka)

Professor Yong Suk Lee

- Examined the effect of labor unions on the adoption of robots with a difference-in-difference strategy using variation in Midwest states adopting right-to-work laws

Empirical Methods in Development Economics Term Paper

Fall 2021

Education and Agricultural Technology

Professor A. Nilesh Fernando

- Explored how education affects the adoption of a number of agricultural technologies, such as improved seeds, in Ethiopia using household distance from schools as an instrument for years of education

SKILLS

Stata, Python, L^AT_EX, and Microsoft Suite