Jack Collison

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EDUCATION			
	2021 -	Ph.D. Candidate in Economics	UW-Madison
	2021 - 2023	M.S. in Economics	UW-Madison
	2019 - 2021	M.S. in Statistics	Stanford University
	2016 - 2020	B.A. in Economics with Honors	Stanford University

RESEARCH FIELDS   Industrial organization, applied microeconomics, econometrics

RESEARCH ASSISTANCE			
	2024 -	Research Assistant for Panle Jia Barwick and Shanjun Li	UW-Madison
	2023 - 2024	Research Assistant for Lorenzo Magnolfi and Chris Sullivan	UW-Madison
	2022 - 2023	Research Assistant for Ashley Swanson	UW-Madison
	2020 - 2021	Research Assistant for Karen Eggleston	Stanford University
	2017 - 2019	Research Assistant for Liran Einav and Pete Klenow	Stanford University

PROFESSIONAL EXPERIENCE			
	2019 - 2022	Research Analyst Intern	Ellington Management Group
	2020	Quantitative Research Intern	QuantCo
	2017	Research Intern	NASA Frontier Development Lab

PUBLICATIONS

The Impact of Online Food Delivery Services on Restaurant Sales, *Stanford Undergraduate Thesis*, 2020

Jenniskens, et al. A survey of southern hemisphere meteor showers. *Journal of Planetary and Space Science*, 154, May 2018, 21-29

WORKING PAPERS

The Welfare Effects of Passenger Transportation Infrastructure: Evidence from China's High-Speed Rail Network, with Panle Jia Barwick, Shanjun Li, and Yatang Lin

The Impact of Ride-Sharing Taxes: Evidence from Chicago, *under review*

Missed INR tests and reduced healthcare during early COVID-19 are linked to adverse outcomes in at-risk warfarin-treated atrial fibrillation patients, with Karen Eggleston, Richard Liang, Ada Zhang, and Andrew Chang; *under review*

WORKS IN PROGRESS

Market Counterfactuals with Nonparametric Supply: An ML/AI Approach, with Harold Chiang, Lorenzo Magnolfi, and Christopher Sullivan

Approximations of High-Dimensional Markov Perfect Equilibrium in Dynamic Oligopoly

Dynamics of Intermediary Bargaining and Market Power, with Toren Fronsdal

Baseload Production and Electricity Price Variation, with John Higgins

CONFERENCES		
	2024	Midwest IO Fest[‡]
		Econometric Society Summer School in Dynamic Structural Econometrics
		Econometric Society Conference on Dynamic Structural Econometrics
		Urbanization and Poverty Reduction Research Conference[‡]
	2023	NBER Economics of Digitization and Artificial Intelligence Tutorial
		NBER Economics of Digitization and Artificial Intelligence Conference
		American Society of Health Economists Conference[†]

2022   American Society of Health Economists Conference*

* = presenter, †= discussant, ‡= presented by coauthor

CONFERENCE PROCEEDINGS	De Cicco, et al. Artificial Intelligence Techniques applied to Automating Meteor Validation and Trajectory Quality Control to Direct the Search for Long Period Comets, *Proceedings of the International Meteor Conference*, September 2017

Zoghbi et al. Searching for Long-Period Comets with Deep Learning Tools, *Neural Information Processing Systems: Deep Learning for Physical Sciences*, December 2017

AWARDS	2024	Culbertson Field Paper Scholarship	UW-Madison
		Juli Plant Grainger Summer Research Fellowship	UW-Madison
	2023	Juli Plant Grainger Summer Research Fellowship	UW-Madison
		Distinguished Teaching Assistant	UW-Madison
		Department of Economics Travel Scholarship	UW-Madison
	2022	Department of Economics Travel Scholarship	UW-Madison
	2021	Graduate School Fellowship	UW-Madison
	2020	Anna Laura Meyers Prize for Outstanding Honors Thesis	Stanford University
		Economics Departmental Honors	Stanford University
	2018	Economics Summer Research Grant	Stanford University

TEACHING/COURSE ASSISTANCE	2024	Guest lecturer, ECON 899, Topics in Computational Economics (Ph.D.)	UW-Madison
	2023	Teaching Assistant, ECON 570, Data Analytics for Economists	UW-Madison
		Guest lecturer, ECON 899, Topics in Computational Economics (Ph.D.)	UW-Madison
	2022	Teaching Assistant, ECON 101, Principles of Microeconomics	UW-Madison
	2022	Course Assistant, ECON 725, Machine Learning for Economists	UW-Madison

REFEREE SERVICES	*Journal of the European Economic Association* (x2), *Journal of Industrial Economics*

TECHNICAL SKILLS	Python, R, Julia, SQL, Stata, Matlab, LaTeX