

SAM BOYSEL

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WEB <https://sboysel.github.io/>
LOCATION Santa Barbara, CA

EDUCATION	University of Southern California	2022
	Ph.D. Economics	
	Tufts University	2016
	M.S. Economics	
	UCLA	2013
	B.A. Economics, <i>cum laude</i>	
EXPERIENCE	Harvard Business School	2023 - Present
	Postdoctoral Fellow (Laboratory for Innovation Science)	
	USC Public Exchange	2018 - 2022
	Researcher	
	Los Angeles City Department of Finance	2018 - 2019
	Academic Consultant	
	University of Chicago	2016 - 2017
	Research Assistant	
	Novacoast, Inc.	2014
	Remote Managed Services Engineer	

RESEARCH

Working papers

- [1] Manuel Hoffmann, Sam Boysel, Frank Nagle, Sida Peng, and Kevin Xu. *Generative AI and the Nature of Work*. Working paper No. 15-019. Harvard Business School Strategy Unit, 2024. URL: <http://dx.doi.org/10.2139/ssrn.5007084>.
- [2] Sam Boysel, Manuel Hoffmann, and Frank Nagle. “Labor Competition and Open Innovation”. Working paper. 2024.
- [3] Sam Boysel. “Quid Pro Code: Peer Effects and Productivity in Open Source Software”. Job Market Paper. 2023.
- [4] Sam Boysel. “No Free Lunch For Programmers: Digital Supply Chains and the Economics of Software Dependency Management”. Working paper. 2022.

Other Research

- [5] Sam Boysel, Frank Nagle, Hilary Carter, Anna Hermansen, Kevin Crosby, Jeff Luszcz, Stephanie Lincoln, Daniel Yue, Manuel Hoffmann, and Alexander Staub. “Open Source Software Funding Survey”. 2024. URL: <https://opensourcefundingsurvey2024.com>.
- [6] Ruozhi Song, Sam Boysel, Daniel Ibarrola, Monica Morlacco, and Kate Weber. “Good for the Environment, Good for the Economy: The Potential of Transportation Electrification Policies to Foster Economic Growth in Greater Los Angeles”. 2022.
- [7] Sam Boysel. “How do Employment Verification Mandates Impact U.S. Agriculture?” Master’s thesis. 2016.

TEACHING	Assistant	(undergraduate) microeconomics, macroeconomics, statistics, econometrics, statistical computing workshops (graduate) mathematics boot camp Average evaluation: 93%
	Private	Research mentorship for students interested in economic research Extensive private tutoring from high school through graduate level
HONORS	Daniel and Mary James Fellowship (USC)	2018 - 2019
	Union Bank Fellowship (USC)	2017 - 2018
	Linda Datcher Loury Award in Economics for outstanding master's thesis (Tufts University)	2016
	Department of Economics Graduate Research Fellowship (Tufts University)	2015-2016
PRESENTATIONS	Symposium on Statistical Challenges in Electronic Commerce Research (Lisbon, PT)	June 2024
	ACM Collective Intelligence (Boston, MA)	June 2024
	Linux Foundation Member Summit (Napa, CA)	November 2024
SOFTWARE	awesome-open-source-research	
	Curated list of data sources and empirical research on open source software.	
	Source: https://github.com/sboysel/awesome-oss-research-data	
	fredr	
	R package for the Federal Reserve Economic Database (FRED) API.	
SKILLS	Source: https://github.com/sboysel/fredr	
	retrograde	
	Python package that rewinds a git repository through its development history.	
	Source: https://github.com/sboysel/retrograde	
SKILLS	Computing	Python, SQL, R, Julia, Unix shell scripting, Linux system administration, Docker / containerization, git / GitHub, web scraping, ETL.
	Research	Microeconometrics, reduced form causal inference, structural estimation, (quasi)-experimental analysis, machine learning methods, data visualization, survey design, geospatial analysis, network analysis, reproducible research.
	Domain expertise	Private production of public goods, open innovation, open source software development, effects of technology on labor, mining software repositories (MSR).