

# SAM BOYSEL

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WEB <https://sboysel.github.io/>

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

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