

Will Sandholtz

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EDUCATION

University of California, Berkeley

Berkeley, CA

Ph.D. Economics

expected 2026

Dissertation Advisor: Haluk Ergin

B.A. Economics, Statistics

2018

Highest Distinction in General Scholarship (equivalent to Summa Cum Laude), Highest Honors in Economics

TECHNICAL SKILLS

Languages: Python, SQL, R

Methods: Causal inference (*DID*, *IV*, *RD*), Data structures and algorithms, Optimization

PUBLICATIONS AND WORKING PAPERS

[“Group Incentive Compatibility in a Market with Indivisible Goods: A Comment”](#) (with Andrew Tai), *Economics Letters*, vol. 243, 2024

Abstract: We identify and fix a key error in the classic proof of TTC’s (top trading cycles) group strategy-proofness, and offer a novel proof of strong group strategy-proofness.

[“Shapley-Scarf Markets with Objective Indifferences”](#) (with Andrew Tai) (*Job Market Paper*)

Abstract: We characterize the broadest class of preferences for which TTC with fixed tie-breaking remains Pareto efficient, group strategy-proof, or core-selecting.

* Presented at Berlin Micro Theory and Behavioral Economics PhD Conference

ACADEMIC EXPERIENCE

Graduate Student Researcher

Department of Economics, UC Berkeley

- Conducted and published original academic research in microeconomic theory and public economics
- 2024 *Economics Letters* article highlighted on [Nobel Prize-winning economist Al Roth’s blog](#)
- Applied quasi-experimental research design to analyze effects of major tax reform in non-profit sector; found that tax on excessive compensation was partly passed on to nonprofit execs

Graduate Student Instructor (TA)

Department of Economics, UC Berkeley

- Introduction to Economics (ECON 2), Global Inequality and Growth (ECON 133), Economic Theory (ECON 201A)

INDUSTRY EXPERIENCE

Product Analyst/Trust & Safety Specialist

2021-2022

Otter (Series A childcare startup)

- Worked jointly with Product team and Trust & Safety team
- Developed dashboards to analyze sign-up data and visualize customer progress; identified drop-off points in the onboarding funnel and revised the sign-up flow, resulting in improved retention
- Integrated UTMs into Otter website to track customer sign-up traffic in Amplitude; adjusted marketing to focus heavily on social media outreach

FELLOWSHIPS AND AWARDS

National Science Foundation (NSF) Graduate Research Fellowship

University Medal Finalist (*top 5 undergraduates at UC Berkeley*)

Steve Goldman Memorial Prize (*top undergraduate in economics at UC Berkeley*)

Phi Beta Kappa (*1 of 20 UC Berkeley students inducted as juniors*)

REFEREEING

Games and Economic Behavior

PERSONAL

Citizenship: USA

Languages: English (native), Spanish (intermediate), Turkish (intermediate)