

Zahra Khanalizadeh

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Education

University of Washington Ph.D. in Economics <i>Advisors: Alan Griffith and Jason Kerwin</i>	Seattle, WA 2021 – 2026 (Expected)
Smith School of Business, Queen's University M.Sc. in Management, Analytics <i>Thesis: Market Efficiency and Bidder Pay-offs in Double-Sided Auctions (Advisor: Guang Li)</i>	Ontario, Canada 2021
Sharif University of Technology M.Sc. in Economics <i>Thesis: Comparing the Market Equilibrium in the Pay-as-Bid and Uniform Price Settings of Auctions in Wholesale Electricity Markets (Advisors: M.H. Rahmati and M. Vesal)</i>	Tehran, Iran 2020
Sharif University of Technology B.Sc. in Computer Engineering (Software)	Tehran, Iran 2017

Research Interests

Applied Microeconomics, Experimentation, Online Platforms, Causal ML, Labor Economics, Health Economics

Research in Progress

Two-Sided Prioritized Ranking: A Coherency-Preserving Design for Marketplace Experiments
Job Market Paper ([Click here for the latest version](#))

Co-authored with Mahyar Habibi and Negar Ziaeian

Presented at the 2024 Conference on Digital Experimentation @ MIT ([CODE@MIT](#))

Poster presentation at Frontiers of Online Advertising Workshop, ACM EC 2025

Distinguishing Biases from Personal Preferences: An Honest Machine Learning Approach
Co-authored with Mahyar Habibi and Negar Ziaeian; Extended Abstract

Extending the Reproductive Horizon: Exploring Beliefs, Preferences, and Decision-Making
Co-authored with Negar Ziaeian

Research Assistant Experience

Graduate Research Assistant, University of Washington – Fresh Bucks Grant April 2025 – Present
• Collaborate with City of Seattle data scientists to design and validate record linkage methods matching Fresh Bucks participants to Clinical Data Repository (CDR) and Medicaid health records.
• Conduct literature review on health and economic outcomes and quasi-experimental methods for program evaluation.
• Develop geographic visualizations of participants and retailers to analyze proximity and coverage patterns.

Skills

Programming: Python, R, Stata, MATLAB, SQL, Excel; Familiar with Spark and Azure

Libraries/Packages: Pandas, NumPy, SciPy, Scikit-learn, PyTorch, EconML

Data Visualization: Seaborn, Matplotlib, ggplot2, ArcGIS; Familiar with Tableau

Quantitative: Causal Inference, Experimental Design, Causal Machine Learning, Demand Estimation

Coursework: Econometrics, Statistics, Applied Microeconomics, Development Economics, Causal Modeling, Design and Analysis of Experiments, Machine Learning, Deep Learning, Industrial Organization

Teaching Experience

Graduate Teaching Assistant, University of Washington

2022 – Present

- *Courses:* Microeconomics, Macroeconomics, Probability and Statistics, Elements of Statistical Methods.
- Led lab sessions and office hours, instructed and facilitated exercises, and assessed assignments and exams.

Honors and Awards

ACM EC'25 Travel Grant Awarded for Accepted Poster Presentation

2025

Graduate School Conference Presentation Award (University of Washington)

2024

Jeff McGill Graduate Fellowship (Queen's University)

2021

Services

Referee for International Journal of Sexual Health

2025

Statistics Without Borders

2025

UW Economics Graduate Student Committee Representative

2022-2023

References

Prof. Alan Griffith (Co-Chair)

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Prof. Jason Kerwin (Co-Chair)

Department of Economics, University of Washington

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Prof. Melissa Knox

Department of Economics, University of Washington

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Prof. André Punt (Teaching Reference)

School of Aquatic and Fishery Sciences, University of Washington

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