

Zahra Khanalizadeh (She/Her)

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Education

University of Washington Ph.D. in Economics <i>Advisors: Alan Griffith and Jason Kerwin</i>	Seattle, WA 2021 – 2026 (<i>Expected</i>)
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 Machine Learning, Labor 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 Ziaieian
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 Ziaieian; [Extended Abstract](#)
- Extending the Reproductive Horizon: Exploring Beliefs, Preferences, and Decision-Making**
Co-authored with Negar Ziaieian

Research Assistant Experience

- Research Assistant, University of Washington – Fresh Bucks Program** 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.

Teaching Experience

- 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.

Skills

Programming: Python, R, Stata, MATLAB, SQL, Excel; Familiar with Spark and Azure
Libraries/Packages: Pandas, NumPy, SciPy, Scikit-learn, PyTorch, EconML, Tidyverse
Data Visualization: Seaborn, Matplotlib, ggplot2, ArcGIS; Familiar with Tableau
Quantitative: Causal Inference, Experimental Design, Causal Machine Learning, Demand Estimation
Coursework: Econometric Theory, Applied Microeconomics, Development Economics, Causal Modeling, Design and Analysis of Experiments, Machine Learning, Deep Learning, Industrial Organization

Honors and Awards

ACM EC'25 Travel Grant Awarded for Accepted Poster Presentation	2025
Graduate School Conference Presentation Award (<i>University of Washington</i>)	2024
Jeff McGill Graduate Fellowship (<i>Queen's University</i>)	2021
Finalist in the National Scientific Olympiad in Economics (<i>Iran</i>)	2017
Top 0.1% in Nationwide University Entrance Exam out of 300,000 applicants (<i>Iran</i>)	2012

Services

Review for International Journal of Sexual Health	2025
Statistics Without Borders	
• Instructed workshop on <i>Experimental Design and A/B Testing</i> for Obafemi Awolowo University, Nigeria.	2025

References

- **Prof. Alan Griffith**
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<https://econ.washington.edu/people/alan-griffith>
- **Prof. Jason Kerwin**
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- **Prof. Melissa Knox**
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