

Erik Andersen

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Address: 2400 Boyer Ave E Apt 206, Seattle, WA 98112

Education

University of Washington

2022 - Present

- Pursuing a PhD in Economics, Expected Graduation 2027
- Area of Focus: Microeconomic Theory / Developmental Economics / Applied Econometrics and Causal Analysis

University of Oregon

2021 - 2022

- M.Sc in Economics

University of Oregon

2017-2021

- B.Sc in Economics
- Minor in Mathematics
- Awarded Summa Cum Laude Latin Honors and Phi Beta Kappa Honors

Programming Skills

R

- Implemented difference-in-differences models to causally estimate the effect of a new voter policy on Seattle election turnout
- Deployed regression discontinuity models to estimate the effect of exam score cutoff policies on student outcomes
- Ran Monte Carlo simulations to determine the bias of various econometric estimators
- Developed structural demand estimation models using BLP framework

MATLAB

- Solved continuous time dynamic programming models with income fluctuation using value function iteration algorithm
- Calculated solutions to New-Keynesian DSGE model using Dynare

Other Programming Languages

- Python, SQL, Mathematica, BASH, Latex

Technical Skills

Microeconomic Modeling

- Created adverse selection model with noisy signaling while allowing for free disposal

Causal Analysis with Quasi-experimental Designs

- Modeled strategic bycatch avoidance empirically using a difference-in-differences design

Experience

Instructor

University of Washington 2023 - Present

- Educated undergraduate students in technical and conceptual aspects of microeconomics
- Created teaching instruments to foster deep comprehension of material
- Courses taught: Intro to Microeconomics

Economics and Mathematics Tutor

University of Oregon 2021-2022

- Tutored students in multiple advanced undergraduate classes to improve and expand technical competencies
- Courses tutored: Core micro/macro and econometric sequences, core calculus sequence