

CONTACT INFORMATION	PhD Student University of Washington Department of Economics E-mail: tsherp@uw.edu	Personal Page LinkedIn
PROFILE	Economics Ph.D. researcher focused on development, technology, and economic behavior, with strong skills in applied microeconometrics, causal inference, and program evaluation. Proficient in R, Stata, and Python for large scale data analysis, survey design, and mixed methods research. Examines how ICT and emerging technologies influence educational choices, information access, and inequality in underserved communities. Driven to produce policy relevant research that supports equitable development and responsible tech and AI policy.	
EDUCATION	<div> University of Washington Seattle, WA <i>Ph.D. in Economics</i> 2023 – Present <i>M.A. in Economics</i> 2025 </div> <div> University of Colorado Boulder Boulder, CO <i>B.A. in Economics (Magna Cum Laude) and Mathematics</i> 2020 – 2023 </div>	
GRADUATE COURSEWORK	Fields: Microeconomics, Development Economics Methods: Applied Microeconometrics, Econometric Theory, ML for Economists Other: Contract Theory, Auction Theory	
TECHNICAL SKILLS	Programming: R (advanced), Stata (advanced), Python (intermediate), Matlab Tools: \LaTeX , Git, Quarto, Excel Econometrics: MLE, limited dependent variable models (probit, tobit), regression discontinuity, difference-in-differences, fixed and random effects panel models Machine Learning: Decision trees, random forests, gradient boosting, LASSO, Ridge, clustering, PCA, model validation, introductory NLP, and CNNs Development and Policy Analysis: Program evaluation using microdata, education and labor market interventions, household-level decision-making, NGO program design Economics Theory: Microeconomics, general equilibrium, game theory, contract theory, auction theory	
WORK EXPERIENCE	<div> Northwest Economics, LLC Seattle, WA <i>Research Assistant to Christina Tapia</i> Summer 2025 <ul style="list-style-type: none"> Analyzed payroll and shift data in R to support litigation involving wage theft claims; identified missed break penalties, overtime underpayments, and employer non-compliance. Merged and cleaned complex time card and compensation datasets; developed reproducible workflows to quantify damages using legal standards. Contributed to the preparation of expert reports by synthesizing the methodology in explanatory notes for legal teams. </div> <div> University of Colorado, Department of Mathematics Boulder, CO <i>Math Tutor and Learning Assistant</i> Jan 2022 – Aug 2023 <ul style="list-style-type: none"> Provided academic support in calculus and linear algebra; emphasized proof techniques and conceptual reasoning. </div>	

University of Colorado, Department of Economics

Boulder, CO

Research Assistant to Prof. Miles Kimball

May 2022 – Dec 2022

- Analyzed survey data on well-being using utility-based frameworks and cleaned large subjective data sets.

**TEACHING
EXPERIENCE****Teaching Assistant**

- QSCI 381: Intro to Probability and Statistics (Fall 2024 - 2025)
- ECON 201: Intro to Macroeconomics (Spring 2024)
- ECON 200: Intro to Microeconomics (Winter 2024)

**GRADER
EXPERIENCE****Department of Economics**

Seattle, WA

- Reading Comprehension, Critical Thinking, & Writing Skills (RTW) Exam Grader (Fall 2023 to Present)
- ECON 422: Investment, Capital, and Finance (Fall 2025)
- ECON 423: Topics in Financial Economics (Spring 2025)

**LEADERSHIP
AND SERVICE****University of Washington, Department of Economics**

- Vice President of the Graduate Student Committee Autumn 2023 – Present
PhD student representative, organizing events and advising on departmental decisions.

- Women in Economics Autumn 2023 – Present
Lead initiatives to promote diversity and inclusion.

- PhD Mentor Autumn 2024 – Present
Support first-year PhD students with academic mentoring.

University of Colorado Boulder

- Finance Board Member Autumn 2020 – Autumn 2022
Allocated funding for campus-wide programs through budget review and proposal evaluation.

REFERENCES

Available upon request

**OTHER
INFORMATION****Languages:** English (native)**Citizenship:** United States