

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	University of Washington <i>Ph.D. in Economics</i> <i>M.A. in Economics</i> University of Colorado Boulder <i>B.A. in Economics (Magna Cum Laude) and Mathematics</i>	Seattle, WA 2023 – Present 2025 Boulder, CO 2020 – 2023
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	Northwest Economics, LLC <i>Research Assistant to Christina Tapia</i> <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. University of Colorado, Department of Mathematics <i>Math Tutor and Learning Assistant</i> <ul style="list-style-type: none"> Provided academic support in calculus and linear algebra; emphasized proof techniques and conceptual reasoning. 	Seattle, WA Summer 2025 Boulder, CO Jan 2022 – Aug 2023

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****Independent Instructor**

- ECON 201: Intro to Macroeconomics (Winter 2026)
- ENGL 299: Intermediate Writing in the Natural Sciences (Spring 2026)

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
PhD student representative, organizing events and advising on departmental decisions. Autumn 2023 – Present
- Women in Economics
Lead initiatives to promote diversity and inclusion. Autumn 2023 – Present
- PhD Mentor
Support first-year PhD students with academic mentoring. Autumn 2024 – Present

University of Colorado Boulder

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

REFERENCES

Available upon request

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