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| CONTACT INFORMATION | University of Washington Department of Economics E-mail: tsherp@uw.edu | Personal Page LinkedIn |
| OBJECTIVE | Economics PhD student with a strong background in applied econometrics, development economics, and environmental policy. Experienced in causal inference, program evaluation, and machine learning. Seeking data-driven roles in economic consulting, applied research, or data science to inform strategic decisions and improve economic outcomes. | |
| EDUCATION | University of Washington Ph.D. in Economics University of Colorado B.A. in Economics and Mathematics | Seattle, WA 2023 – Present Boulder, CO May 2023 |
| TECHNICAL SKILLS | Programming: R (advanced), Stata (advanced), Python (intermediate), Matlab (intermediate), SQL (basic) Tools: L ^A T _E X, 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 | University of Washington, Department of Economics <i>RTW Grader</i> <ul style="list-style-type: none"> Evaluated writing samples for graduate admissions to assess analytical and writing skills. <i>Grader, ECON 423: Topics in Financial Economics</i> <ul style="list-style-type: none"> Graded problem sets and exams in asset pricing and financial markets. University of Colorado, Department of Economics <i>Research Assistant to Prof. Miles Kimball</i> <ul style="list-style-type: none"> Analyzed survey data on well-being using utility-based frameworks; cleaned large subjective data sets. 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 Sep 2023 – Present Spring 2025 Boulder, CO May 2022 – Dec 2022 Boulder, CO Jan 2022 – Aug 2023 |
| TEACHING EXPERIENCE | University of Washington <ul style="list-style-type: none"> QSCI 381: Intro to Probability and Statistics (2025) ECON 201: Intro to Macroeconomics (Spring 2024) ECON 200: Intro to Microeconomics (Winter 2024) | |

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| LEADERSHIP AND SERVICE | University of Washington, Department of Economics | |
| | • Economics Graduate Student Committee | Autumn 2023 – Present |
| | Elected PhD representative organizing events and advising department decisions | |
| | • Women in Economics | Autumn 2023 – Present |
| | Lead initiatives to promote diversity and inclusion | |
| | • PhD Mentor | Autumn 2024 – Present |
| | Support incoming PhD students with academic and career mentoring | |
| | University of Colorado Boulder | |
| | • Finance Board Member | Autumn 2020 – Autumn 2022 |
| | Allocated funding for campus-wide programs through budget review and proposal evaluation | |
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| AWARDS AND HONORS | James K. Viola M. Hall Fellowship, UW | Autumn 2023 |
| | Magna Cum Laude in Economics, CU Boulder | Spring 2023 |
| GRADUATE COURSEWORK | Fields: Microeconomics, Development Economics | |
| | Methods: Applied Microeconometrics, Econometric Theory, ML for Economists | |
| | Other: Contract Theory, Auction Theory | |
| REFERENCES | Available upon request | |
| OTHER INFORMATION | Languages: English (native) | |
| | Citizenship: United States | |