

# Kosar Sadeghi

Economics MA Student

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## Personal Profile

Master's student in Global Studies (Economics) at the University of British Columbia with a strong background in quantitative research and data analysis. Experienced in applied microeconomics and the study of social and behavioral phenomena, with interest in socioeconomic inequality. Eager to deepen engagement with multidisciplinary approaches, such as sociology and public policy, to advance research on inequality and intergenerational mobility. Committed to producing policy-relevant, data-driven scholarship that contributes to a more equitable society.

## Research Experience

### Research Assistant, Allameh Tabataba'i University

Sep 2025 - Feb 2026

Lead author of a research project examining the gender dimensions of fertility decisions and investigating how asymmetries in household bargaining power shape reproductive outcomes, like the timing and number of births. Responsible for the full research pipeline: developing the research question, designing the strategy, conducting quantitative analysis, and drafting the manuscript.

### Researcher, BIAS (Behavioral Insights & Solutions) Team

Oct 2024 - Apr 2025

Contributed to a study evaluating citizens' behavior towards incentive policies for paying municipal fees. Analyzed data to assess the effectiveness of these policies and proposed strategies to improve fee collection. Collaborated on interpreting results and drafting recommendations for policy improvement.

## Education

### University of British Columbia, M.A. in Global Studies (Economics)

Starting Fall 2026

### University of Tehran, B.A. in Economics

Sep 2022 - Feb 2026

GPA: 3.9/4

## Relevant Research Skills

**Quantitative and Econometric Methods:** Proficient in regression modeling, hypothesis testing, causal inference, and experimental design.

**Programming:** Skilled in Python, R, and Julia for data manipulation and statistical modeling.

**Research Design:** Experienced in the full research pipeline, from literature review synthesis and project design to presentation of results.

**Reproducible Research:** Proficient in LaTeX and reproducible workflow practices.

## Additional Experience

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### **Data Analyst, DataTalks**

May 2023 - Mar 2026

Worked with Iran's Household Budget Survey data to clean, structure, and analyze large micro-level datasets. Constructed indicators on household expenditure patterns and income sources, and examined long-run trends in major consumption categories. Identified key shifts in household behavior and prepared analytical reports.

### **Teaching Assistant, University of Tehran**

Sep 2023 - Jul 2025

Held weekly tutorial sessions for undergraduate students, solving problem sets and clarifying key concepts in Mathematics, Microeconomics, and Statistics. Taught R and Python programming and prepared and graded coding exercises. Checked assignments, provided detailed feedback, and supported students' learning through consultation hours.

## Awards and Funding

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Okanagan Graduate Research Scholarship, University of British Columbia

Roger Gale Entrance Award for Leaders of Tomorrow

Teaching Assistantship, University of British Columbia

Ranked 10th nationwide among over 400,000 candidates, Iranian University Entrance Examination

## Additional Quantitative Coursework

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### **Probability I, College of Science, University of Tehran (Audited)**

Attended the full course and completed exercises on probability theory, random variables, and probability distributions. Gained solid understanding of expectation, variance, independence, and limit theorems, forming the theoretical foundation for econometric analysis.

### **Statistical Methods, College of Science, University of Tehran (Audited)**

Engaged in applied and theoretical topics in estimation, hypothesis testing, and sampling distributions. Strengthened understanding of statistical inference and its role in empirical economic research.