

Amin Shirazian

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Applied economist (PhD, expected 2026) specializing in macroeconomic heterogeneity, health, and household saving, with applied work on subsidy pass-through in remote communities. Strong empirical and computational toolkit (Stata, Python, R, MATLAB, C++); experienced in structural modeling and large-scale web scraping.

Education

Ph.D., Economics — Toronto Metropolitan University	Expected 2026
<i>Dissertation:</i> Marginal Utility Shocks and the Precautionary Saving Puzzle · <i>Advisor:</i> Keyvan Eslami · GPA 4.17/4.33	
M.A., Economics — Tehran Institute for Advanced Studies	2020
B.A., Economics — University of Tehran	2018

Research

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- **Marginal Utility Shocks and the Precautionary Saving Puzzle** (*Job Market Paper*) — Develops and calibrates a structural model linking health, longevity, and saving decisions to the HRS; informs retirement security and late-life wealth distribution.
 - **Means-Tested Insurance and Pareto-Tailed Wealth Distribution** (*working paper*) — Imputes total medical spending in the HRS using MEPS; provides formal results on estimator consistency and documents a sharp dip in spending among middle-wealth households.
 - **Online Innovation, Market Entry and Competition in Remote Indigenous Communities** (with Y. Mudathir and N. Li, *in progress*) — Examines subsidy pass-through, firm entry, and household welfare in remote communities using an original dataset built from large-scale web scraping.

Research & Professional Experience

Research Assistant — Toronto Metropolitan University	2022–present
• Built datasets via web scraping, conducted econometric analysis, and developed structural and computational models supporting ongoing research.	
Research Assistant — University of Toronto	Summer 2023
• Constructed research datasets through automated web scraping and data collection.	
Research Assistant — Tehran Institute for Advanced Studies	2018–2020
• Empirical analysis, structural modeling, and dataset construction for academic research projects.	

Technical Skills

Statistical / data: Stata, R, Python (Selenium, BeautifulSoup) · **Computational:** MATLAB, C++ · **Other:** L^AT_EX, Git, HTML/CSS · **Languages:** English (fluent), Persian (native)

Teaching

Contract Lecturer , TMU (2024–present)	Intermediate Macroeconomics I (×3), Introductory Macroeconomics, Economic Issues in Globalization (×2)
Graduate Teaching Assistant , TMU (2021–2025)	13 courses across PhD, MA, and undergraduate levels in macro, micro, and mathematical economics

Leadership & Awards

President & Vice-President, Economics Graduate Students Association, TMU (2021–2024) · Graduate Assistant Recognition Award (2022, 2023) · Top Second-Year PhD Student (2021).

References available on request.