Shabnam Shahrezaei

sshahr5@emory.edu | shabnamshahrezaei.info | LinkedIn | Git | Citizenship Status: Green Card Holder

Education

Emory University, Atlanta, GA
    Ph.D. in Economics   2021 – 2026
Illinois State University, IL
    M.Sc. Mathematics   2019 – 2021
    M.Sc. Quantitative Economics   2018 – 2020
University of Tehran, Iran
    B.Sc. Economics   2014 – 2018

Professional Experience

Federal Reserve Bank of Atlanta, Atlanta, GA
    Ph.D. Internship   Summer 2025

Research Interests

Macroeconomics, Household Finance, Labor Economics, Inequality, Social Security and Pension System

Dissertation

Social Security and Racial Disparities

- **Chapter 1:** Are there any racial disparities in Social Security wealth among elderly women?

- **Chapter 2:** Quantifying how lifetime earnings, marriage, and mortality shape Social Security wealth using a Life Cycle Model.

- **Chapter 3:** Evaluating the Welfare Implications of Social Security Policy Reforms

Research Experience

Research Assistant (Emory University)   2022 & 2024
Advisor: Dr. Vivian Yue
Analyzed Chinese loan data to estimate debt stocks and identify unreported debts.

Master's Thesis (Illinois State University)   2019 – 2021

- **Economics:** Analyzed the contribution of public and private investment to GDP growth in OECD countries (1980–2017).

- **Mathematics:** Extended Black-Scholes model for European call options using IBM and AT&T data.

Teaching Experience

Emory University
    ECON 112: Principles of Macroeconomics (Main Instructor)   Summer 2025
    ECON 385: Women Leadership in Economics (Co-Instructor)   Spring 2025
    ECON 610: Macroeconomic Theory I - PhD Core (Teaching Assistant)   Fall 2022
    ECON 101: Principles of Microeconomics (Teaching Assistant)   Fall 2023 & 2024
    ECON 112: Principles of Macroeconomics (Teaching Assistant)   Spring 2023
    QTM 100: Quantitative Theory and Methods (Lab Instructor)   Spring 2025
Illinois State University
    MAT 120: Finite Mathematics (Instructor)   Fall 2020

Skills

Languages: Python, Julia, Matlab
Software: R, Stata, SAS
Developer Tools: Git, Anaconda

Conferences

Midwest Economic Association Annual Conference (Presenter)	March 2024
NBER Heterogeneous-Agent Macro Summer School	2023
Midwest Economic Association Annual Conference (Presenter)	March 2021
Online ISU Research Symposium (Presenter)	April 2020

Awards

Economics Graduate Student Teaching Award of Excellence	2025
Endowment for Graduate Excellence Award, Illinois State University	2019
Undergraduate Fellowship, University of Tehran	2014–2018

Languages

English (Fluent), Farsi (Native)