

SHADI RAHIMFALLAH

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PROFESSIONAL SUMMARY

PhD Candidate in Economics with expertise in computational modeling, econometric analysis, and quantitative research. Background in macro-finance, development, and energy economics.

EDUCATION

Ph.D. in Economics, York University, Toronto, Canada Sep 2022 – Present
Dissertation: *Financial Frictions, Used Capital, and Misallocation*
Supervisors: Professors Tasso Adamopoulos and Chaoran Chen

M.Sc. in Energy Economics, University of Tehran, Tehran, Iran Feb 2019
Thesis: *The Effect of Shale Gas Expansion on the Attractiveness of Iran's Petrochemical Industry*
Supervisor: Prof. Farkhondeh Jabal Ameli

B.Sc. in Theoretical Economics, Shahid Beheshti University, Tehran, Iran Jun 2016

PUBLICATIONS & RESEARCH

Working Paper
Financial Frictions, Used Capital, and Misallocation In Progress

Publication
Goeconomics of Global Energy Transformation Aug 2022

Additional Research Projects
Cultural and ESG predictors of human development (in progress);
Macroeconomic indexes and petrochemical industry;
Shale-gas revolution and polyethylene prices;
Gas pricing mechanisms and market analysis

RESEARCH ASSISTANT EXPERIENCE.

York University, Toronto, Canada 2023 – Present
Supervisors: Professors Tasso Adamopoulos and Chaoran Chen

Electricity Industry Project 2021
Supervisor: Dr. Jeremy Lin

University of Tehran, Tehran, Iran 2018
Supervisor: Prof. Farkhondeh Jabal Ameli

PROFESSIONAL EXPERIENCE

Conference Chair & Presenter, Canadian Economics Association, Canada 2025

Vice President, Economics Graduate Student Association (EGSA), York University 2024

Economics Specialist, Partogen Beh Tashkhis, Tehran, Iran 2016 – 2021

Economics Specialist, Batabkara Company, Tehran, Iran 2017

TEACHING EXPERIENCE

Teaching Assistant, York University, Toronto, Canada

2022 – 2024

TECHNICAL SKILLS

Programming Languages: Python, Julia, R, MATLAB

Statistical Software: Stata, EViews

Data Analysis: Large-scale dataset management, econometric modeling, time-series analysis

Finance: CFA-level knowledge in taxes, long-term liabilities, portfolio analysis

Research Methods: Quantitative modeling, economic forecasting

PROFESSIONAL DEVELOPMENT

MacroFinance, Princeton University (Online)

2025

Computational Methods for Macroeconomics, Econometric Society (Online)

2023

Decision-Making under Risk, University of Würzburg (Online)

2021

2nd International Trade Summer School, TelAS, Tehran, Iran

2019

Renewable Energy Economics, Gamcenter, Tehran, Iran

2018

Energy and Environmental Economics, TelAS, Tehran, Iran

2017

HONORS & AWARDS

LA&PS Dissertation Fieldwork Fellowship, York University

2025

Full Scholarship, Econometric Society Workshop

2024

Full PhD Scholarship, York University

2022

Full Scholarship, University of Würzburg Summer School

2021

Full Scholarship, International Trade Summer School, TelAS

2019

Full Scholarship, Energy Economics Summer School, TelAS

2017

Top 1%, in National M.Sc. Economics Entrance Exam, Iran

2016

Top 1%, in National B.Sc. Economics Entrance Exam, Iran

2012