

# SHADI RAHIMFALLAH

Faculty of Economics, York University, Toronto, Canada

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## PROFESSIONAL SUMMARY

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

## EDUCATION

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**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

## RESEARCH ASSISTANCE

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**York University**, Toronto, Canada 2023 – Present

Professors Tasso Adamopoulos and Chaoran Chen

**Electricity Industry Project** 2021

Supervisor: Dr. Jeremy Lin

**University of Tehran**, Tehran, Iran 2018

Supervisor: Dr. Farkhondeh Jabal Ameli

## PUBLICATIONS & RESEARCH

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### Working Paper

*Financial Frictions, Used Capital, and Misallocation* In Progress

### Publication

Geoeconomics 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

## PROFESSIONAL EXPERIENCE

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**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

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Teaching Assistant, York University, Toronto, Canada

2022 – 2024

## TECHNICAL SKILLS

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**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

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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

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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