

SHADI RAHIMFALLAH

Toronto, Canada | (+1) 905-782-5319 | shadirf@yorku.ca
shadirahimfallah.github.io | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Economist with five years of industry experience as a financial and economic analyst and a PhD in Economics (macro-finance) from York University. Builds quantitative models — forecasting, valuation, pricing, market sizing, and scenario and sensitivity analysis — and turns large datasets into investment and business decisions. Experience reporting directly to CEOs, shareholders, and client strategy teams, and delivering the empirical work on funded research projects in Python, Stata, and MATLAB.

PROFESSIONAL EXPERIENCE

Senior Financial & Economic Analyst 2019 – 2021

Partolab (Partogen Beh Tashkhis) — medical diagnostics, Tehran, Iran

- Financial and market analysis; business cases for new products; market sizing; pricing, volume and capacity decisions; reporting to CEOs and shareholders.

Financial & Economic Analyst 2016 – 2019

Partolab (Partogen Beh Tashkhis) — medical diagnostics, Tehran, Iran

- Financial reporting, budgeting and variance analysis; forecasting; sourcing and landed-cost modelling; demand, pricing and market-sizing models from large operational datasets.

Economic Analyst May 2017 – Sep 2017

Batab Kara — economic and investment consulting, Tehran, Iran

- Economic and investment reports; forecasting models; investment evaluation; scenario analysis; export-market concentration and trade risk.

RESEARCH EXPERIENCE

Research Assistant, Department of Economics, York University 2023 – 2025

- Randomized controlled trials, shift-share and panel designs; survey microdata pipelines in Python and Stata; robustness and specification testing.

Research Assistant, Electricity Industry Project 2021 – 2022

Research Assistant, Faculty of Economics, University of Tehran 2018 – 2019

- Natural-gas pricing and sectoral allocation; demand elasticity estimation; price benchmarking.

TECHNICAL SKILLS

Programming: Python, MATLAB, R, Julia

Statistical Software: Stata, EViews

Business Tools: Excel (advanced financial modeling), $\text{\LaTeX}$, Git

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

Finance: Valuation and project appraisal; CFA-level knowledge in taxes, long-term liabilities, portfolio analysis

Modeling: Structural modeling and calibration, forecasting, scenario and sensitivity analysis

EDUCATION

Ph.D. in Economics, York University, Toronto, Canada 2022 – Present

Dissertation: *Financial Frictions, Used Capital, and Misallocation*

M.Sc. in Energy Economics, University of Tehran, Tehran, Iran 2016 – 2019

Thesis: *Shale Gas and Iran's Petrochemical Industry*

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

2012 – 2016

RESEARCH & PUBLICATIONS

Working Papers

Financial Frictions, Used Capital, and Misallocation

Working paper

Too Small to Adopt: Distortions, Firm Size, and Technology Diffusion

In progress

Financial Frictions, Used Capital, and Firm Dynamics

In progress

Electricity Market Design and Strategic Bidding (with Dr. Jeremy Lin)

In progress

Publication

Geoeconomics of Global Energy Transformation, *J. of World Sociopolitical Studies*

Jan 2023

TEACHING & SERVICE

Teaching Assistant, York University, Toronto, Canada

2022 – 2025

Courses: mathematical economics, intermediate micro and macro theory, labour economics, economic policy in developing countries, project appraisal and feasibility

Session Chair & Presenter, Canadian Economics Association, Canada

2025

Secretary, Economics Graduate Student Association (EGSA), York University

2024

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 PhD Scholarship, York University

2022

Full scholarships: Econometric Society Workshop (2024), University of Würzburg Summer School (2021), TelAS summer schools (2017, 2019)

Top 1% nationally, M.Sc. (2016) and B.Sc. (2012) Economics entrance examinations, Iran

Last updated: Sep 2026