

Ali Zarifhonarvar

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Education

- **Ph.D.** in Econometrics and Quantitative Economics 2021–May 2026 (Expected)
Indiana University, Bloomington, USA
- **M.A.** in Econometrics and Quantitative Economics 2021–2023
Indiana University, Bloomington, USA
- **M.Sc.** in Economics 2012–2014
Sharif University of Technology, Tehran, Iran
- **B.Sc.** in Economics 2008–2012
Ferdowsi University, Mashhad, Iran

Research Interest

Experimental Economics, Behavioral Macroeconomics, NLP & Large Language Models

Publications

- “Economics of ChatGPT: A Labor Market View on the Occupational Impact of Artificial Intelligence”
Journal of Electronic Business & Digital Economics (2024)

Working Papers

- “Evidence on Inflation Expectations Formation Using Large Language Models” (2024), (Submitted)
Available at <http://dx.doi.org/10.2139/ssrn.4825076>
Coverage: [\[Marginal Revolution\]](#)
- “Simulating the Survey of Professional Forecasters” (2024)
with Anne Lundgaard Hansen (Federal Reserve Bank of Richmond), John J. Horton (MIT Sloan), Sophia Kazinnik (Stanford HAI), & Daniela Puzzello (Indiana University)

Work in Progress

- “Comparing the Persuasiveness of Large Language Models and Humans: An Experimental Study”
[\[Project Website\]](#)
- “Understanding (Gen) AI Decision-Making: Risk and Time Preferences”
with Gajanan L. Ganji (University of Texas at Arlington)

Academic Activities

Peer Review

Journal of Economic Behavior and Organization • Applied Economics Letters • Labour Economics • Journal of Behavioral and Experimental Economics • North American Journal of Economics and Finance

Invited Talks

- International Monetary Fund (IMF), “LLMs and Inflation Expectations”, DC July 2024
- WTW Research Network, “Impact of Generative AI on Labor Market”, London January 2024

Conference Presentations

- Simulation of Financial Markets and Economic Systems, New York University November 2024
- 30th Midwest Macroeconomics Meetings (MMM), Purdue University August 2024
- North American Meeting of the Economic Science Association, Ohio State University October 2024
- Computational and Bayesian Methods in Experimental Economics, Purdue University May 2024

Research Experience

- **RA to Prof. Volodymyr Lugovskyy** 05/2023–11/2024
Indiana University, Department of Economics

Teaching Experience

Instructor (Indiana University)

- Mini-Course on Generative AI Applications Fall 2024
[\[Course Materials\]](#)

Teaching Assistant (Indiana University)

- Introduction to Macroeconomics Spring 2023
- Introduction to Microeconomics Fall 2022
- Intermediate Microeconomics Summer 2023
- Statistics for Business and Economics Spring 2022
- Big Data in Economics Fall 2024

Honors and Awards

- OpenAI Researcher Access Program 2024
- Best Graduate Paper Award (Department of Economics at Indiana University) 2024
- Adam Smith Fellowship at Mercatus Center (George Mason University) - 20,000 USD 2022–2024
- Indiana University PhD Fellowship 2022
- Haamee Visiting Student Scholarship - 10,000 USD 2018
- Ranked 21st in the Master Entrance Exam (out of over 15,000 participants) 2012

Skills

Python (SciPy, NumPy, pandas, scikit-learn, XGBoost, TensorFlow, PyTorch, Transformers), NLP & Unstructured Data, Stata, MATLAB