

Ahnaf Rafi | CV

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Academic Appointments

Assistant Professor of Economics, University of Virginia

August 2024 – Present

Education

Ph.D. Economics, Northwestern University

September 2018 – June 2024

M.Sc. Econometrics and Mathematical Economics, LSE

September 2017 – June 2018

B.Sc. Mathematics and Economics, LSE

September 2014 – June 2017

Published, Accepted or Forthcoming Papers

3. “Bootstrap based asymptotic refinements for high-dimensional nonlinear models” with Joel L. Horowitz. *Journal of Econometrics*, Volume 249, Part B, May 2025, Article 105977.
2. “On the Performance of the Neyman Allocation with Small Pilots” with Yong Cai. *Journal of Econometrics*, Volume 242, Issue 1, May 2024, Article 105793.
1. “K-Anonymity: A Note on the Trade-Off between Data Utility and Data Security” with Tatiana Komarova, Denis Nekipelov and Evgeny Yakovlev. *Applied Econometrics*, Vol. 48, 2017, 44–62.

Working Papers

3. “Efficient Semiparametric Estimation of Average Treatment Effects Under Covariate Adaptive Randomization”. *Revise and Resubmit at the Journal of Econometrics*. 2023
2. “Regression Discontinuity Design with Spillovers” with Eric Auerbach and Yong Cai, 2025.
1. “Nonparametric inference for a class of functionals in the random coefficients logit model.” 2025

Presentations

2025: Triangle Econometrics Conference (hosted at Duke University), University of Iowa Econometrics Miniconference
2024: 94th Annual Meeting of the Southern Economic Association (SEA), DC-MD-VA Econometrics Workshop (hosted at University of Maryland, College Park), University of Arkansas, University of Virginia, Louisiana State University, NYU Abu Dhabi, University of Notre Dame

Fellowships & Awards

Dissertation University Fellowship, Northwestern University Academic Year 2023–2024

Teaching

Instructor, University of Virginia
ECON 3720: Introduction to Econometrics (UG) 2024 Fall Semester

Teaching Assistant, Northwestern University
ECON 480-2: Econometrics II (G) 2020–2023 (Winter Quarter each year)
ECON 310-1: Microeconomics I (UG) 2019 Fall Quarter

Lecturer, Northwestern University
Econometrics Review for Incoming Ph.D. Students 2021 Summer

Teaching Assistant, LSE
EC309: Econometric Theory (UG) 2018 Lent
EC201: Microeconomic Principles I (UG) 2017 Michaelmas, 2018 Lent

Note: UG = Undergraduate, G = Graduate

Research Assistance Experience

Research Assistant, Joel Horowitz, Northwestern University 2020 Summer – 2023 Winter
Research Assistant, Eric Auerbach, Northwestern University 2020 Spring Quarter
Research Assistant, Tatiana Komarova, LSE 2017 Summer

Languages

Native: English, Bengali

Programming

Advanced: Julia, R, Python, \LaTeX **Intermediate:** Emacs Lisp, Stata **Beginner:** Lua