

Ahnaf Rafi | CV

Department of Economics – University of Virginia

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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: University of Virginia (Quantitative Collaborative), Georgetown University, Midwest Econometrics Group Conference 2025, University of Virginia (Statistics Department Colloquium), 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, $\text{\LaTeX}$

Intermediate: Emacs Lisp, Stata

Beginner: Lua