Sahil Khatkar

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EDUCATION

University of Texas at Austin, Texas, U.S.A. GPA: 3.67/4.0
PhD, Economics 2020 - 2026 (Expected)
Research Area: Industrial Organization, Energy & Environmental Economics, Structural Estimation
Advising Committee: Dr. Jackson Dorsey (Co-chair), Dr. Daniel Ackerberg (Co-chair), Dr. Andrey Ordin, Dr. Robert Town

Duke University, North Carolina, U.S.A. GPA: 3.97/4.0
Master of Arts, Economics 2018 - 2020
Advisors: Dr. Allan Collard-Wexler, Dr. Charles Becker
Award: M.A. Merit Scholar for Academic Excellence - Spring & Fall 2019

Birla Institute of Technology and Science, Pilani, India GPA: 8.36/10.00
Master of Science (Hons.), Economics 2011 - 2016
Bachelor of Engineering (Hons.), Electrical and Electronics 2011 - 2016

REFERENCES

Jackson Dorsey	University of Texas at Austin, Department of Economics, jackson.dorsey@austin.utexas.edu
Daniel Ackerberg	University of Texas at Austin, Department of Economics, daniel.ackerberg@utexas.edu
Andrey Ordin	University of Texas at Austin, McCombs School of Business, andrey.ordin@mccombs.utexas.edu
Robert Town	University of Texas at Austin, Department of Economics, robert.town@austin.utexas.edu

TEACHING INTERESTS

Introduction to Economics, Microeconomics, Industrial Organization, Energy & Environmental Economics.

WORK EXPERIENCE

Assistant Instructor Fall 2023, Fall 2024
University of Texas at Austin

- Taught 30 student sections of 'Introduction to Microeconomics' via weekly in-person lectures both semesters.
- Designed the syllabus, course material, assignments, and grading rubric for the course.

Teaching Assistant Aug 2020 - Present
University of Texas at Austin

- Assisted in various undergraduate and master's level intermediate microeconomics courses.
- Conducted weekly office hours, in-person or recorded review sessions, and graded assignment submissions.

Research Assistant April 2019 - May 2020
Allan Collard-Wexler, Duke University

- Worked on measuring the impact of production misallocation in the oil extraction industry.
- Developed MATLAB code to analyze dynamic counterfactual paths for oil extraction.

Credit Suisse July 2015 - June 2018
Market Risk Quant (Pricing Model Validation Team), Mumbai

- Tested the validity of interest rates/FX pricing and market volatility models using counterfactual analysis.
- Developed capital reserve frameworks for interest rates products to account for model uncertainties.

ACADEMIC PROJECTS AND CONFERENCES

Impact of Capacity Markets on Electricity Market Dynamics Fall 2025
Job Market Paper, University of Texas at Austin

- Analyzed the impact of capacity payments to generators in New York on reliability and emissions.
- Computed an industry dynamics model accounting for the wholesale market equilibrium.
- Found that these payments act as entry barriers for renewables while delaying exit of incumbents.

Multi-homing on Heterogeneous Taxi Hail Modes: Optimal Driver Choice in NYC Fall 2022
Second Year Paper, University of Texas at Austin

- Analyzed Yellow Taxi (YT) companies' partnership with Uber which allows YT to be hailed using Uber.
- Computed a dynamic spatial equilibrium model of drivers' simultaneous search & hail mode choice.
- Found that it improves consumer welfare while drivers' surplus varies based on density of search location.

Vertically Separated Production and Distribution: Impact on Knowledge-based Growth Fall 2019
Pietro Peretto, Duke University

- Assessed the impact of market structure on knowledge-based endogenous growth.
- Introduced monopolistic distributors to contrast with the growth dynamics of a vertically integrated market.
- Concluded that vertical integration leads to higher rates of R&D but fewer firms producing goods.

Association of Environmental and Resource Economists Summer 2025
Santa Ana Pueblo, NM

Annual Conference on Economic Growth & Development Winter 2024
Indian Statistical Institute, New Delhi

Harvard Project for Asian and International Relations Conference Spring 2015
Harvard University, MA

TECHNICAL SKILLS

High Proficiency Python, MATLAB, R, F#, MS Excel/VBA, LaTeX, Adobe Photoshop
Base Proficiency STATA, C#, EViews, GAMS