

Sumit Goel

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Employment

Postdoctoral Associate, Division of Social Science, *New York University Abu Dhabi* 2023-Present

Education

PhD in Social Science (with minor in Computer Science), *California Institute of Technology* 2017-23
Advisor: Federico Echenique
MS in Quantitative Economics, *Indian Statistical Institute (Delhi)* 2015-17
BTech in Computer Science, *Delhi Technological University* 2011-15

Research interests

Primary: Microeconomic Theory, Game Theory, CS-Econ
Secondary: Experimental Economics

Research

Working papers

1. The effect of competition in contests: A unifying approach (with Andrzej Baranski), *Job Market Paper*.
2. Swap bounded envy (with Federico Echenique and SangMok Lee).
3. TTC Domains (with Yuki Tamura),
Ext. Abs. in *Proc. of WINE 2025*.
4. Multi-agent contract design with a budget (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of EC 2024*,
R&R at *Games and Economic Behavior*.

Publications

1. An efficiency ordering of k -price auctions under complete information (with Jeffrey Zeidel),
Economics Letters, Volume 255, 2025.
2. Optimal grading contests,
Ext. Abs. in *Proc. of EC 2023*,
Games and Economic Behavior, Volume 152, 2025.

3. Project selection with partially verifiable information (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of WINE 2022*,
Mathematical Social Sciences, Volume 132, 2024.
4. Stable allocations in discrete exchange economies (with Federico Echenique and SangMok Lee),
Journal of Economic Theory, Volume 222, 2024.
5. Optimal tie-breaking rules (with Amit Goyal),
Journal of Mathematical Economics, Volume 108, 2023.
6. Optimality of the coordinate-wise median mechanism for strategyproof facility location in two dimensions (with Wade Hann-Caruthers),
Ext. Abs. in *Proc. of SAGT 2022*,
Social Choice and Welfare, Volume 61, 2023.

Awards

Best paper award, Winter School at Delhi School of Economics	2022
PIMCO graduate fellowship in Data Science, Caltech	2020
Graduate student fellowship, Caltech	2017
Class rank 1 in MSQE, ISI Delhi	2017
Masters student fellowship, ISI Delhi	2015-17

Conferences & Seminars

2025: World Congress of the Econometric Society in Seoul, Seminar at IIM Bangalore (invited), 14th Conference on Economic Design at University of Essex, 5th Durham Economic theory conference, 13th Oligo Workshop at University of Cambridge, Asian School in Economic Theory at NYUAD.

2024: 19th ACEGD at ISI Delhi, Winter school at DSE, Economics Conference at Ashoka University (invited), 35th Stony Brook International Conference on Game Theory, 10th Conference on Contests at University of Reading, Workshop on Bargaining, Markets, and Strategic Decision Making at NYUAD (invited), Liverpool Economic Theory seminar (virtual, invited).

2023: 18th ACEGD at ISI Delhi, Winter school at DSE, 24th ACM conference on Economics and Computation at King's College London, 3rd Durham Economic theory conference, 9th Conference on Contests at University of Reading.

2022: 17th ACEGD at ISI Delhi, Winter school at DSE, 15th SAGT at University of Essex, Asian School in Economic Theory at National University of Singapore, 8th Conference on Contests at University of Reading (virtual), 16th Meeting of SSCW at El Colegio de México (virtual), 21st SAET conference at The Australian National University (virtual, invited).

Teaching

Instructor at NYU Abu Dhabi

ECON-UH 1010: Intermediate Microeconomics

Spring 2024, Spring 2025

Teaching Assistant at Caltech

Ec 149: Algorithmic Economics	Spring 2022, Spring 2023
Ec 121a: Theory of Value	Fall 2021
Ec 172: Game Theory	Spring 2020
BEM 103: Introduction to Finance	Winter 2020, Winter 2022
Ec 11: Introduction to Economics	Winter 2019
Ec 122: Econometrics	Fall 2018, Fall 2019

Instructor at Econschool

Mathematics for Economists	Fall 2020
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Service

Referee: Theoretical Economics, The Economic Journal, Social Choice and Welfare, Journal of Economic Behavior and Organization, Mathematical Social Sciences, Economics Letters, Mathematical Reviews.

Program Committee: AMES 2026, WINE 2024, WINE 2025, EAAMO 2024, EAAMO 2025.

Other Experience

Member of Consortium, The U.S. COVID-19 Forecast Hub dataset, <i>Scientific Data</i>	Summer 2020
Research Assistant, Profs. Federico Echenique, Taisuke Imai and Kota Saito	Spring 2019
Intern, Royal Bank of Scotland	Summer 2014
Programming: R, Python, C++, oTree, Qualtrics	