

# 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. Feedback in dynamic contests: Theory and experiment (with Yiqing Yan and Jeffrey Zeidel).
4. TTC domains (with Yuki Tamura),  
Ext. Abs. in *Proc. of WINE 2025*.
5. 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 2010: 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

## 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.

Co-organizer: MOD Theory Lunch Seminar at NYUAD 2024.

## Other Experience

Member of Consortium, The U.S. COVID-19 Forecast Hub dataset, *Scientific Data* 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