# 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

## Fields

Primary: Microeconomic Theory, Game Theory, Economics & Computation

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*,
   R&R at *Games and Economic Behavior*.

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

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| 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: ACEGD at ISI Delhi, WINE at Rutgers University, VCU, University of Michigan, Midwest Economic Theory Conference at Penn State, World Congress of Econometric Society in Seoul, IIM Bangalore, Conference on Economic Design at University of Essex, Durham Economic Theory Conference, Oligo Workshop at University of Cambridge, Asian School in Economic Theory at NYUAD.

2024: ACEGD at ISI Delhi, Winter School at DSE, Economics Conference at Ashoka University, Stony Brook Game Theory Conference, Conference on Contests at University of Reading, Workshop on Bargaining, Markets, and Strategic Decision Making at NYUAD, Liverpool Theory Seminar (virtual).

2023: ACEGD at ISI Delhi, Winter School at DSE, EC at King's College London, Durham Economic Theory Conference, Conference on Contests at University of Reading.

2022: ACEGD at ISI Delhi, Winter School at DSE, SAGT at University of Essex, Asian School in Economic Theory at NUS, Conference on Contests at University of Reading (virtual), Meeting of SSCW at El Colegio de México (virtual), SAET at ANU (virtual).

# Teaching

*Instructor at NYU Abu Dhabi*

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|---|---|
| ECON-UH 2010: Intermediate Microeconomics | Spring 2024, Spring 2025 |

*Teaching Assistant at Caltech*

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| 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*

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| Mathematics for Economists | Fall 2020 |

# Service

Editorial Boards: Junior Associate Editor at Journal of Mathematical Economics (2026-27)

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

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

Co-organizer: MOD Theory Lunch Seminar at NYUAD 2024-26.

# Other Experience

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| 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 | |