

# Sumit Goel

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Education	<b>California Institute of Technology</b>	Pasadena, CA
	PhD in Economics (with minor in Computer Science)	2017 – 2023 (exp.)
	Research interests: Game theory, Mechanism design, CS-Econ Advisor: Federico Echenique	
	<b>Indian Statistical Institute</b>	Delhi
	MS in Quantitative Economics	2015 – 2017
	Advisor: Arunava Sen	
	<b>Delhi Technological University</b>	Delhi
	BTech in Computer Science	2011 – 2015
Research	<b>Working papers</b>	
	1. “Prizes and effort in contests with private information” <i>Job market paper</i> <a href="#">[PDF]</a>	
	2. “Stable allocations in discrete economies” (with Federico Echenique and SangMok Lee) <a href="#">[PDF]</a>	
	<b>Refereed Conference Proceedings (Computer Science)</b>	
	1. “Project selection with partially verifiable information” (with Wade Hann-Caruthers) <i>WINE 2022</i> <a href="#">[PDF]</a>	
	2. “Optimality of the coordinate-wise median mechanism for strategyproof facility location in two dimensions” (with Wade Hann-Caruthers) <i>SAGT 2022</i> <a href="#">[PDF]</a>	
	<b>Publications</b>	
	1. “Optimality of the coordinate-wise median mechanism for strategyproof facility location in two dimensions” (with Wade Hann-Caruthers) <i>Social Choice and Welfare</i> <a href="#">[PDF]</a>	
Honors and scholarships	Graduate Fellowship in Data Science (PIMCO)	2020
	Repetto-Figueroa Family Graduate Fellowship (Caltech)	2020
	Linde Institute Summer Fellow (Caltech)	2020
	Graduate Student Fellowship (Caltech)	2017
	Rank 1 in MSQE Program (ISI Delhi)	2017
	Masters Student Fellowship (ISI Delhi)	2015 – 2017
Conferences	Winter school at Delhi School of Economics (2019); 8th Annual conference on Contests: Theory and Evidence (2022); 16th Meeting of Society for Social Choice and Welfare (2022); SAET (2022); Asian School in Economic Theory (2022); SAGT (2022)	

Referee	Theoretical Economics		
Teaching exp.	<b>Teaching assistant, Caltech</b> Designed and graded problem sets, conducted office hours Ec 122: Econometrics Fall 2018, Fall 2019 Ec 11: Introduction to Economics [ <a href="#">edX</a> ] Winter 2018 BEM 103: Introduction to Finance Winter 2019, Winter 2021 PS/Ec 172: Game theory [ <a href="#">webpage</a> ] Spring 2020 Ec 121A: Theory of Value Fall 2021 CS/Ec 149: Algorithmic Economics [ <a href="#">notes</a> ] Spring 2022		
	<b>Instructor, Econschool</b> Taught Mathematics to undergrad students in India interested in pursuing higher studies in Economics. Also created a website visited by over 150 students daily [ <a href="#">econschool.in</a> ].		
Other exp.	<b>Caltech COVID-19 Research Project</b> Summer 2020 Under supervision of Prof. Yaser Abu-Mostafa, contributed to development of a machine learning-based model to predict the spread of COVID-19 in the US. The predictions are part of <a href="#">The US COVID-19 Forecast Hub dataset</a> published in Scientific Data, Nature.		
	<b>Research assistant for Prof. Federico Echenique</b> Spring 2019 Surveyed experimental papers that use the convex time budget methodology for estimating time and risk preferences		
	<b>Intern at Royal Bank of Scotland</b> Summer 2014 Wrote XSLT code to enhance Excel reports by introducing charts alongside data tables while ensuring easy integration with existing report generation process		
Service	Treasurer of Caltech Badminton Club 2018 – 2022 Graduate representative of Caltech HSS DEI committee 2020 – 2022 President of Caltech Cricket Club 2018 – 2020		
Miscellaneous	<b>Programming:</b> R, Latex, C, C++ <b>Languages:</b> English (fluent), Hindi (native) <b>Personal:</b> Indian citizen, born November 30, 1992		
References	<a href="#">Federico Echenique</a> Dept. of Economics U.C. Berkeley <a href="mailto:fede@econ.berkeley.edu">fede@econ.berkeley.edu</a>	<a href="#">Thomas R. Palfrey</a> Division of HSS Caltech <a href="mailto:trp@hss.caltech.edu">trp@hss.caltech.edu</a>	<a href="#">Omer Tamuz</a> Division of HSS Caltech <a href="mailto:omertamuz@gmail.com">omertamuz@gmail.com</a>