

# Sumit Goel

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Education	<b>California Institute of Technology</b>	Pasadena, CA
	PhD in Social Sciences (with minor in Computer Science)	2017 – 2023 (exp.)
	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 <span style="float: right;">Fall 2018, Fall 2019</span> Ec 11: Introduction to Economics [ <a href="#">edX</a> ] <span style="float: right;">Winter 2018</span> BEM 103: Introduction to Finance <span style="float: right;">Winter 2019, Winter 2021</span> PS/Ec 172: Game theory [ <a href="#">webpage</a> ] <span style="float: right;">Spring 2020</span> Ec 121A: Theory of Value <span style="float: right;">Fall 2021</span> CS/Ec 149: Algorithmic Economics [ <a href="#">notes</a> ] <span style="float: right;">Spring 2022</span>		
	<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> <span style="float: right;">Summer 2020</span> 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> <span style="float: right;">Spring 2019</span> Surveyed experimental papers that use the convex time budget methodology for estimating time and risk preferences		
	<b>Intern at Royal Bank of Scotland</b> <span style="float: right;">Summer 2014</span> 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 <span style="float: right;">2018 – 2022</span> Graduate representative of Caltech HSS DEI committee <span style="float: right;">2020 – 2022</span> President of Caltech Cricket Club <span style="float: right;">2018 – 2020</span>		
Miscellaneous	<b>Programming:</b> R, Latex, Python, 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>