Sumit Goel

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Education	**California Institute of Technology**	Pasadena, CA
	PhD in Social Sciences (with minor in Computer Science)	2017 – 2023 (exp.)
	Advisor: Federico Echenique	
	MS in Social Sciences	
	Indian Statistical Institute	Delhi
	MS in Quantitative Economics	2015 – 2017
	Advisor: Arunava Sen	
	Delhi Technological University	Delhi
	BTech in Computer Science	2011 – 2015

Working papers **Optimal grading contests** [arXiv:2205.05207]
(Job market paper)

Stable allocations in discrete economies (with Federico Echenique and SangMok Lee) [arXiv:2202.04706]

Project selection with partially verifiable information (with Wade Hann-Caruthers) [arXiv:2007.00907]
Accepted at WINE 2022

Optimality of the coordinate-wise median mechanism for strategyproof facility location in two dimensions (with Wade Hann-Caruthers) [arXiv:2007.00903]
Accepted at SAGT 2022, R&R at Social Choice and Welfare

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)

Referee Theoretical Economics

Teaching exp.	**Teaching assistant, Caltech**	
	Designed and graded problem sets, conducted office hours	
	Ec 122: Econometrics	Fall 2018, Fall 2019
	Ec 11: Introduction to Economics [edX]	Winter 2018
	BEM 103: Introduction to Finance	Winter 2019, Winter 2021
	PS/Ec 172: Game theory [webpage]	Spring 2020
	Ec 121A: Theory of Value	Fall 2021
	CS/Ec 149: Algorithmic Economics [notes]	Spring 2022

Instructor, Econschool

Taught mathematics to undergraduate students in India interested in pursuing higher studies in Economics. Also created various online resources, including a website visited by over 150 students daily [econschool.in].

Other exp.	**Caltech COVID-19 Research Project**	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 The US COVID-19 Forecast Hub dataset published in Scientific Data.

Research assistant for Prof. Federico Echenique	Spring 2019

Surveyed experimental papers that use the convex time budget methodology for estimating time and risk preferences

Intern at Royal Bank of Scotland	Summer 2014

Wrote XSLT code to enhance Excel reports by introducing charts alongside data tables while ensuring minimal dependency on third party libraries and 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	**Programming**: R, Latex, Python, C, C++
	Languages: English (fluent), Hindi (native)
	Personal: Indian citizen, born November 30, 1992

References	Federico Echenique	Thomas R. Palfrey	Omer Tamuz
	Dept. of Economics	Division of HSS	Division of HSS
	U.C. Berkeley	Caltech	Caltech
	fede@econ.berkeley.edu	trp@hss.caltech.edu	omertamuz@gmail.com