

# Sumit Goel

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Research interests	Game theory, Mechanism design, Social choice	
Education	<b>California Institute of Technology</b>	Pasadena, CA
	PhD in Economics (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
Honors and scholarships	Graduate Fellowship in Data Science (PIMCO)	2020
	Graduate Student Fellowship (Caltech)	2017
	Rank 1 in MSQE Program (ISI Delhi)	2017
	Masters Student Fellowship (ISI Delhi)	2015 – 2017
Working papers	<b>Coordinate-wise Median: Not Bad, Not Bad, Pretty Good</b>	
	Sumit Goel, Wade Hann-Caruthers. [ <a href="#">arXiv:2007.00903</a> ]	
Research experience	<b>Project selection with partially verifiable information</b>	
	Sumit Goel, Wade Hann-Caruthers. [ <a href="#">arXiv:2007.00907</a> ]	
	<b>Meta study of experiments estimating time preferences</b>	
	Mentor: Federico Echenique	Spring 2019
	Provided research assistance by surveying experimental papers that use the convex time budget methodology for estimating time and risk preferences	
	<b>Caltech COVID-19 Research Project</b>	
Teaching experience	Mentor: Yaser Abu-Mostafa	Summer 2020
	Contributed to development of a machine learning-based model of the spread of COVID-19 in the US	
	<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	Winter 2018
	BEM 103: Introduction to Finance	Winter 2019, Winter 2021
	EC 172: Game theory	Spring 2020
	EC 121: Theory of Value	Fall 2021

## **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](http://econschool.in)].

### **Industry experience**

**Royal Bank of Scotland**, India Development Center                      Gurgaon  
Internship                      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

### **Presentations**

Winter school of Econometric Society at Delhi School of Economics                      2019

### **Referee**

Theoretical Economics

### **Service**

Treasurer of Caltech Badminton Club                      2019 – Present  
Graduate representative of Caltech HSS DEI committee                      2020 – Present  
President of Caltech Badminton Club                      2018 – 2019  
President of Caltech Cricket Club                      2018 – 2020

### **Skills**

#### **Programming**

R, Latex, Python, C, C++

#### **Languages**

English (fluent), Hindi (native)