

# CURRICULUM VITAE – GAURAV MAHAJAN

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## PERSONAL INFORMATION

Gaurav Mahajan  
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## EDUCATION

<b>University of California, San Diego</b> PhD in Computer Science and Engineering	2017 - Now
<b>Indian Institute of Technology, Delhi</b> BS and MS in Mathematics and Computing	2008 - 2013

## RESEARCH INTERESTS

Theoretical Machine Learning, Optimization and Learning Theory

## WORK EXPERIENCE

<b>Institute for Advanced Study, Princeton</b> Short-Term Scholar	Fall 2019
<b>Princeton University, Princeton</b> Visiting Student Research Collaborator	Summer 2019
<b>Simons Institute for Theory of Computing, UC Berkeley</b> Visiting Graduate Student	Summer 2019
<b>Microsoft, Redmond</b> Software Engineer	2014 - 2017
<b>Epic Systems, Verona</b> Software Engineer	2013 - 2014
<b>Ecole Normale Supérieure, Cachan</b> Visiting Undergraduate Student	Summer 2012

## SUBMITTED PAPERS

<i>Optimality and Approximation with Policy Gradient Methods in Markov Decision Processes</i> with Alekh Agarwal, Sham Kakade and Jason Lee	2019
<i>Noise-Tolerant, Reliable Active Classification with Comparison Queries</i> with Max Hopkins, Daniel Kane and Shachar Lovett	2019

## TEACHING EXPERIENCE

<b>University of California, San Diego</b> Introduction to AI : Search and Reasoning	Winter 2019
<b>Indian Institute of Technology Delhi</b> Computing Laboratory	Fall 2012
<b>Indian Institute of Technology Delhi</b> Real Analysis	Fall 2008

TALKS	<b>On Global Convergence of Policy Gradient Methods</b> Theory Lunch, UCSD	Spring 2019
	<b>Loss Landscapes of ReLU Networks</b> AI Seminar, UCSD	Winter 2018
AWARDS	<b>MHRD Scholarship</b> , awarded by Government of India for academic excellence at IIT Delhi	2012
	<b>Yahoo! HackU</b> , Winner of 24 hour hack marathon held at IIT Delhi	2011
	<b>IITD Semester Merit Award</b> , awarded for being among top 7% of students in IIT Delhi	2008
	<b>CBSE Scholarship</b> , awarded for securing State Rank 14 and All India Rank 377 in AIEEE	2008
	<b>Rank 5</b> , Regional Mathematics Olympiad sponsored by National Board of Higher Mathematics	2006