

# CURRICULUM VITAE – GAURAV MAHAJAN

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## PERSONAL INFORMATION

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## EDUCATION

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

## OTHER EXPERIENCE

<b>Microsoft, Redmond</b> Software Engineer	2014 - 2017
<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

## VISITS

Short-Term Scholar, Institute of Advanced Study, Princeton	Fall 2019
Visiting Graduate Student, Simons Institute for Theory of Computing, UC Berkeley	Summer 2019

## 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

## SELECTED ACADEMIC PROJECTS

<b>Banach-Tarski Paradox</b>	2013
<ul style="list-style-type: none"><li>Discussed paradoxes from algebraic point of view in an expository article and relationship between Congruence by Dissection and Equidecomposability</li><li>Discussed proof of Banach-Tarski Paradox using Hausdorff's Paradox and proof by absorption</li></ul>	