# Curriculum Vitae – Gaurav Mahajan

| **Personal Information** | Gaurav Mahajan |
|---|---|
| | California, US |
| | ⬜ gomahajan.github.io/ |
| | ✉ gmahajan@eng.ucsd.edu |
| | in www.linkedin.com/in/gomahajan/ |
| | ☐ (201)-920-2036 |

| **Education** | **University of California, San Diego** | 2017 - Now |
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| | Ph.D in Computer Science and Engineering | |
| | **Indian Institute of Technology, Delhi** | 2008 - 2013 |
| | Integrated MS in Mathematics and Computing | |

| **Other Experience** | **Microsoft, Redmond** | 2014 - 2017 |
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| | Software Engineer | |
| | **Ecole Normale Superieure, Cachan** | Summer 2012 |
| | Visiting Undergraduate Student | |

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

| **Visits** | Foundations of Deep Learning, Simons Institute for Theory of Computing, UC Berkeley | Summer 2019 |
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| **Awards** | **MHRD Scholarship**, awarded by Government of India for academic excellence at IIT Delhi | 2012 |
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| | **Yahoo! HackU**, Winner of 24 hour hack marathon held at IIT Delhi | 2011 |
| | **IITD Semester Merit Award**, awarded for being among top 7% of students in IIT Delhi | 2008 |
| | **CBSE Scholarship**, awarded for securing State Rank 14 and All India Rank 377 in AIEEE | 2008 |
| | **Rank 5**, Regional Mathematics Olympiad sponsored by National Board of Higher Mathematics | 2006 |

| **Selected Academic Projects** | **Banach-Tarski Paradox** | 2013 |
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- Discussed paradoxes from algebraic point of view in an expository article and relationship between Congruence by Dissection and Equidecomposability
- Discussed proof of Banach-Tarski Paradox using Hausdorff's Paradox and proof by absorption