

Yeshwanth Cherapanamjeri

Ph.D Student in Computer Science

CONTACT INFORMATION	UC Berkeley 7 th Floor, Sutardja Dai Hall	https://yeshwanth94.github.io yeshwanth@berkeley.edu
INTERESTS	Algorithms, Statistical Learning Theory, Optimization	
EDUCATION	UC Berkeley Ph.D Student in Computer Science Advisor: Prof. Peter Bartlett CGPA: 4.0+	(August 2017 - Present)
	Indian Institute of Technology Bombay B. Tech with Honors in Computer Science and Engineering Minor in Applied Statistics and Informatics CGPA: 9.31 (<i>Ranked among the top 10% of the department</i>)	(July 2011 - May 2015)
PAST EMPLOYMENT	Microsoft Research India <i>Research Fellow</i>	(June 2015 - July 2017) Advisors: Dr. Prateek Jain and Dr. Praneeth Netrapalli
	TU Braunschweig <i>Research Intern</i>	(May 2013 - July 2013) Advisor: Prof. Marcus Magnor
PUBLICATIONS	Optimal Mean Estimation without a Covariance Y. Cherapanamjeri, N. Tripuraneni, P. L. Bartlett, M. I. Jordan <i>Manuscript in preparation</i>	
	Algorithms for Heavy-Tailed Statistics: Regression, Covariance Estimation, and Beyond Y. Cherapanamjeri, S. B. Hopkins, T. Kathuria, P. Raghavendra, N. Tripuraneni ArXiv Version: https://arxiv.org/abs/1912.11071	
	Fast Mean Estimation with Sub-Gaussian Rates Y. Cherapanamjeri, N. Flammarion, P. L. Bartlett Thirty Second Conference on Learning Theory (COLT 2019) ArXiv Version: https://arxiv.org/abs/1902.01998	
	Testing Markov Chains without Hitting Y. Cherapanamjeri, P. L. Bartlett Thirty Second Conference on Learning Theory (COLT 2019) ArXiv Version: https://arxiv.org/abs/1902.01999	
	Thresholding based Efficient Outlier Robust PCA Y. Cherapanamjeri, P. Jain, P. Netrapalli Thirtieth Conference on Learning Theory (COLT 2017) ArXiv Version: https://arxiv.org/abs/1702.05571	
	Nearly Optimal Robust Matrix Completion Y. Cherapanamjeri, K. Gupta, P. Jain Thirty-Fourth International Conference on Machine Learning (ICML 2017) ArXiv Version: https://arxiv.org/abs/1606.07315	
TEACHING	CS 170: Efficient Algorithms and Intractable Problems , UC Berkeley <i>Instructors: Prof. Prasad Raghavendra and Prof. Luca Trevisan</i> Graduate Student Instructor	Spring 2019
	CS 70: Discrete Mathematics and Probability Theory , UC Berkeley <i>Instructors: Prof. Alistair Sinclair and Prof. Yun Song</i> Graduate Student Instructor <i>Outstanding GSI Award</i>	Fall 2018

MA 214: Introduction to Numerical Analysis, IIT Bombay

Summer 2014

Instructor: Prof. Sivaji Ganesh

Undergraduate Student Instructor

**PROFESSIONAL
SERVICE****Reviewer:** ICML 2019, COLT 2019, SODA 2019**External Reviewer:** AAAI 2017, KDD 2017, ISIT 2018, ITSP**SELECTED
COURSEWORK****At UC Berkeley:** STAT 205A and B (Probability Theory A and B), STAT 210A and B (Theoretical Statistics A and B), MATH 202B (Introduction to Analysis and Topology B), CS 270 (Combinatorial Algorithms and Data Structures), CS 294 (Special Topics in Computer Science - Sum of Squares), CS 280 (Computer Vision), CS 267 (Applications of Parallel Computers)**At IIT Bombay:** CS 709 (Convex Optimization), CS 435 (Linear Optimization), EE 636 (Matrix Computations), CS 729 (Statistical Machine Learning), CS 726 (Advanced Machine Learning)