
RESEARCH INTERESTS	Online Algorithms, Online Optimization, Multi Armed Bandits, Reinforcement Learning Theory, Applications in Operations, Economics and Finance.	
EDUCATION	Columbia University September 2019 to present Department of Industrial Engineering and Operations Research Ph.D in Operations Research University of Massachusetts Amherst September 2017 to May 2019 College of Information and Computer Sciences UMass Amherst M.S in Computer Science, GPA: 3.96/4.0 Indian Institute of Technology, Kharagpur July 2012 to May 2016 Department of Computer Science and Engineering B.Tech (Honors) in Computer Science and Engineering, GPA: 8.88/10.0	
RESEARCH EXPERIENCE	Microsoft Research India, Research Intern June 2018 to August 2018 Xerox Research Center India, Budding Scientist June 2016 to June 2017 IBM Research Labs, Research Intern May 2015 to July 2015 IIIT Hyderabad, Research Intern May 2014 to July 2014	
TEACHING EXPERIENCE	Columbia University Graduate Teaching Assistant Optimization Models and Methods IEOR 4004 Fall 2020 Analytics in Practice IEOR 4524 Spring 2020 University of Massachusetts Amherst Graduate Teaching Assistant Graduate Machine Learning COMPSCI 689 Fall 2018 Introduction to Programming with Python COMPSCI 119 Spring 2018 Problem Solving with the Internet COMPSCI 120 Fall 2017, Spring 2019	
PUBLICATIONS	<ol style="list-style-type: none">1. Exponential Weights on the Hypercube in Polynomial Time. Sudeep Raja Putta, Abhishek Shetty, <i>AISTATS 2019</i>.2. Exponential Weights on the Hypercube in Polynomial Time. Sudeep Raja Putta , <i>EWRL 2018</i>. (superseded by the AISTATS 2019 paper)3. Pure Exploration in Episodic Fixed-Horizon Markov Decision Processes. Sudeep Raja Putta, Theja Tulabandhula, <i>AAMAS 2017</i>.4. Efficient Reinforcement Learning via Initial Pure Exploration. Sudeep Raja Putta, Theja Tulabandhula, <i>RLDM 2017</i>.	
PROFESSIONAL SERVICE	External Reviewer: Springer Electronic Commerce Research	
AWARDS AND HONOURS	Tang Family Fellowship 2019 Sudha Mishra and Rajesh Jha Scholarship 2018 Winner of Xerox Research Innovation Challenge 2015 All India Rank 281 in IITJEE 2012 All India Rank 63 in AIEEE 2012	
MISCELLANEOUS ACTIVITIES	Blogging about mathematics, machine learning and algorithms http://sudeeppraja.github.io/blog/	