Sudeep Raja Putta
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sudeepraja.github.io

RESEARCH INTERESTS	Statistical Learning Theory, High Dimensional Statistics, Online Learning, Bandits, Control and Reinforcement Learning Theory, Robust Optimization.

EDUCATION

University of Massachusetts Amherst — September 2017 to present
  College of Information and Computer Sciences UMass Amherst
  M.S, Ph.D in Computer Science, GPA: 4.0/4.0
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

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

PUBLICATIONS

1. Exponential Weights on the Hypercube in Polynomial Time.
   Sudeep Raja Putta, Abhishek Shetty, *AISTATS 2019.*

2. Exponential Weights on the Hypercube in Polynomial Time.
   Sudeep Raja Putta , *EWRL 2018.* (superseded by the AISTATS 2019 paper)

3. Pure Exploration in Episodic Fixed-Horizon Markov Decision Processes.
   Sudeep Raja Putta, Theja Tulabandhula, *AAMAS 2017.*

4. Efficient Reinforcement Learning via Initial Pure Exploration.
   Sudeep Raja Putta, Theja Tulabandhula, *RLDM 2017.*

PROFESSIONAL SERVICE

External Reviewer: Springer Electronic Commerce Research

GRUADUATE COURSES

Probability Theory, Graduate Machine Learning, Machine Learning Theory, Information Theory, Advanced Algorithms, Approximation Algorithms, Performance Evaluation

AWARDS AND HONOURS

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

CONFERENCES &WORKSHOPS ATTENDED

Neural Information Processing Systems (NIPS), Long Beach	December 2017
Reinforcement Learning Summer School, University of Montreal	July 2017
Machine Learning Winter School at XRCI	December 2015

MISCELLANEOUS ACTIVITIES

Blogging about mathematics, machine learning and algorithms
  http://sudeepraja.github.io/blog/
Computer Science Department Librarian for the academic year 2017-18