

Gauri Jagatap

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EDUCATION

AUG 2016 -Present	Doctor of Philosophy (PhD) in ELECTRICAL ENGINEERING Iowa State University GPA: 3.86/4
AUG 2010 -MAY 2015	Bachelor of Engineering (Hons.) in ELECTRICAL AND ELECTRONICS ENGINEERING Master of Science (Hons.) in PHYSICS BITS Pilani University, India GPA: 8.69/10

WORK EXPERIENCE

JUL 2015 -JUL 2016	Project Assistant at Indian Institute of Science , Bengaluru, India Advisor: Dr. CS Seelamantula Axial super-resolution of ultrasound images using compressed sensing.
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RESEARCH INTERESTS

Machine Learning, Signal Processing, Optimization

RESEARCH

AUG 2016 -Present	Research Assistant at Iowa State University Advisor: Dr. Chinmay Hegde Phase Retrieval Using Structured Sparsity: utilizing underlying structure in signals to develop fast and sample efficient algorithms for phase retrieval.
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COURSE PROJECTS

MAY 2017 MAY 2017	Sparse PCA applications, EE 525, Iowa State University Non-negative matrix factorization and applications, IE 631, Iowa State University
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INDEPENDENT PROJECTS

AUG 2015	Low Rank and Sparse Decomposition for Video Segmentation
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CONFERENCE PAPERS

DEC 2017	G. Jagatap and C. Hegde, "Fast, Sample-Efficient Algorithms for Structured Phase Retrieval", Advances in Neural Information Processing Systems (NIPS) 2017 .
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SYMPOSIA AND POSTERS

JUN 2017	G. Jagatap and C. Hegde, "Fast and sample-efficient algorithms for structured phase retrieval", Midwest Machine Learning Symposium (MMLS) 2017 .
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TEACHING ASSISTANTSHIPS

SPRING 2014 FALL 2012	BITS C386:QUANTUM INFORMATION & COMPUTING, BITS Pilani University PHY F110:PHYSICS LABORATORY, BITS Pilani University
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SCHOLARSHIPS

AUG 2016 -Present	Research Assistant, Iowa State University
DEC 2011 -MAY 2015	Department of Science and Technology, Govt. of India funded INSPIRE Scholarship Reg:1289/2010

PROFESSIONAL ACTIVITIES

Treasurer and event coordinator of the Data Science Reading Group at Iowa State University:
<http://www.dsrg.stuorg.iastate.edu/>