Gauri Jagatap

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Education

Aug 2016 -*Present*	Doctor of Philosophy (PhD) in Electrical Engineering **Iowa State University of Science and Technology** 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.

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.

Course Projects

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

Independent Projects

Aug 2015	Low Rank and Sparse Decomposition for Video Segmentation

Symposia and posters

Jun 2017	Gauri Jagatap and Chinmay Hegde, "Fast and sample-efficient algorithms for structured phase retrieval", Midwest Machine Learning Symposium 2017, Chicago.

Publications

Soon 2017	Something awesome

Teaching Assistantships

Spring 2014	BITS C386:Quantum Information & Computing, BITS Pilani University
Fall 2012	PHY F110:Physics Laboratory, BITS Pilani University

Scholarships

Aug 2016 -*Present*	Research Assistant, Iowa State University of Science and Technology
Dec 2011 -May 2015	Department of Science and Technology, Govt. of India funded INSPIRE Scholarship Reg:1289/2010