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.

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

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**.

POSTERS

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

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**
Dec 2011 -May 2015	Department of Science and Technology, Govt. of India funded INSPIRE Scholarship Reg:1289/2010

Technical Reviewing

September 2017	Reviewer, **Women in Machine Learning Workshop (WiML) 2017**

Professional Activities

Treasurer and event coordinator of the Data Science Reading Group at Iowa State University: