

Namrata Nadagouda

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RESEARCH INTERESTS

Learning from similarity comparisons, active learning,
representation learning, preference learning

EDUCATION

Ph.D. Electrical & Computer Engineering

August 2019 - Present

Georgia Institute of Technology, Atlanta, GA

Advisor: Prof. Mark Davenport

M.S. Electrical & Computer Engineering

December 2020

Georgia Institute of Technology, Atlanta, GA

B.Tech. Electrical & Electronics Engineering

May 2017

National Institute of Technology Karnataka, Surathkal, India

PUBLICATIONS

N. Nadagouda, A. Xu and M. Davenport, “Active query selection using nearest neighbors”, in preparation.

N. Nadagouda and M. Davenport, “Switched Hawkes Processes”, in *Proc. IEEE Int. Conf. on Acoustics, Speech and Signal Processing (ICASSP)*, June, 2021.

G. Canal, M. Connor, J. Jin, N. Nadagouda, M. O’Shaughnessy, C. Rozell, and M. Davenport, “The Picasso Algorithm for Bayesian Localization Via Paired Comparisons in a Union of Subspaces Model”, in *Proc. IEEE Int. Conf. on Acoustics, Speech and Signal Processing (ICASSP)*, May, 2020.

POSTERS

Y. Teng, A. Mamuye, E. Mo, K. Zhu, R. Walker, N. Nadagouda, and M. Davenport, “Range-Only Simultaneous Localization and Mapping using Paired Comparisons”, at *IEEE Annual Conf. on RFID*, April 2021.

N. Nadagouda, and M. Davenport, “Switched Hawkes Processes”, at *Workshop on Recent Developments on Mathematical/Statistical approaches in Data Science (MS-DAS)*, University of Texas at Dallas, Richardson, TX, June 2019.

ARTICLES

“Journey of a researcher: Finding pleasure in the pathless woods”, *American Ceramic Society Bulletin*, Student Perspectives, June/July 2020.

AWARDS

Registration and

ICML Diversity and Inclusion Fellowship

July 2020

Travel Awards

MSDAS Workshop, UTD

June 2019

Hackathons

Winner, Technical Track, Hacklytics
Data Science at Georgia Tech

February 2019

Academic Awards and Scholarships

NITK Institute Gold Medal,
1986 Batch Gold Medal,
Prof. M. R. Shenoy Memorial Prize,

2017

2017

2017

	Prof. K. M. Hebbar Gold Medal, NITK Surathkal Merit Scholarship,	2017 2013 - 2017
WORKSHOPS	Foundation of Data Science Summer School <i>Georgia Institute of Technology</i>	August 2019
	Recent Developments on Mathematical/Statistical approaches in Data Science <i>University of Texas at Dallas, Richardson, TX</i>	June 2019
TEACHING EXPERIENCE	Mentor for undergraduate students	
	Yue Teng	2020 - present
	Amran Mamuye	2020 - 2021
	Eunsan Mo	2020 - 2021
	Kerui Zhu	2020 - 2021
	Robert Walker	2020 - 2021
	Graduate Teaching Assistant Georgia Tech ECE 6270 - Convex Optimization	Spring 2021
	Teaching Assistant Hands-on-Tech Georgia Tech Day Camp - Machine Learning	June 2019
WORK EXPERIENCE	Graduate Teaching Assistant Georgia Tech CS 4641 - Machine Learning	Spring 2019
	Graduate Teaching Assistant Georgia Tech ECE 8843/ISYE 8843/CS 8803/BMED 8813 - Mathematical Foundations of Machine Learning	Fall 2018
	Intern <i>Hedge Fund Start-up, Atlanta, GA</i> Data management and data pre-processing of stock trade data & performance evaluation of trading algorithms	Summer 2018
	Research Intern, Microarchitecture Research Lab <i>Intel India - Intel Labs, Bangalore, India</i> Study and design of specialized hardware for Linear Algebra operations	Fall 2016
	Research Intern Department of Electrical Communication Engineering <i>Indian Institute of Science, Bangalore, India</i> Target Self-Localization using Beacon Nodes	Summer 2016
SERVICE	Teaching Volunteer, Shiksha <i>ACM NITK Student Chapter</i>	2016
	Student Representative, NITK Student Council <i>National Institute of Technology Karnataka, Surathkal, India</i>	2013 - 2014