

Sudha Rao

CONTACT INFORMATION Department of Computer Science Phone: (609) 933-0409
University of Maryland E-mail: raosudha@cs.umd.edu
College Park, MD 20740 Website: <http://raosudha.weebly.com>

EDUCATION **University of Maryland, College Park** Aug 2013 - Present
Ph.D. in Computer Science
Focus: Natural Language Processing
Advisors: Hal Daumé III, Philip Resnik

Veermata Jijabai Technological Institute, Mumbai Aug 2007 - May 2011
Bachelor of Technology in Computer Engineering

PUBLICATIONS **Conference**

Sudha Rao, Allyson Ettinger, Hal Daumé III, and Philip Resnik, “Dialogue focus tracking for zero pronoun resolution”, **NAACL 2015**, Denver, Colorado, June 2015.

Workshop

Sudha Rao, Yogarshi Vyas, Hal Daumé III, and Philip Resnik, “Parser for Abstract Meaning Representation using Learning to Search”, **NAACL 2016** Workshop on *Meaning Representation Parsing*

In submission

Sudha Rao, Hal Daumé III, “Are you asking the right questions? Automatically Generating Clarification Questions”

Sudha Rao, Paul Mineiro, “A Play on Words: Redefining Vocabulary for Dialogue Modeling”

Sudha Rao, Daniel Marcu, Kevin Knight and Hal Daumé III, “Biomedical Event Extraction using Abstract Meaning Representation”

WORK EXPERIENCE **Microsoft Research, Redmond** June 2016 - August 2016
Research Intern (Mentor: Paul Mineiro)
Worked on developing deep neural networks for modeling conversational text data.

Information Science Institute (ISI), USC June 2016 - August 2016
Research Intern (Mentors: Daniel Marcu & Kevin Knight)
Biomedical event extraction using Abstract Meaning Representation (AMR).

NVIDIA Graphics Pvt. Ltd, Pune July 2011 - April 2013
System Software Engineer
Designed and implemented a test infrastructure for Tegra Driver on varied mobile operating systems and platforms.

Microsoft India Development Center Hyderabad May 2010 - July 2010
Software Development Engineer - Intern
Worked on Data Protection Management.

TEACHING	CMSC 726 - Machine Learning	Spring 2016
EXPERIENCE	CMSC 422 - Computer Systems Architecture	Fall 2015
	CMSC 131 - Object Oriented Programming	Fall 2013

HONOUR & AWARD

Recipient of **Language Science Fellowship** (an NSF funded fellowship) at UMD. Scholarship to attend the **Grace Hopper Celebration** conference 2014 and 2015.

Recipient of **Dean's Fellowship** at University of Maryland, College Park. Travel fund to attend **NIPS** conference 2013.

Scholarship to attend the **Women in Theory** conference 2012 at Princeton.

SERVICE

Organizer

EMNLP Workshop: Building Linguistically Generalizable NLP systems, 2017
With Hal Daumé III, Emily Bender, Allyson Ettinger

Winter Storm, Language Science Center, UMD, 2016

NAACL Tutorial: Hands-on Learning to Search for Structured Prediction, 2015.
With Hal Daumé III, John Lanford, Kai-Wei Chang and Sudha Rao.

Language Science Day, Language Science Center, UMD, 2015