

Mounica Maddela

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🌐 <https://mounicam.github.io/>

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INTERESTS	Natural Language Processing, Machine Learning and Social Media.	
EDUCATION	The Ohio State University , Columbus, Ohio, USA	2017-present
	<i>Ph.D. in Computer Science and Engineering</i> GPA - 3.94 / 4.00	
	University of Pennsylvania , Philadelphia, Pennsylvania, USA	2013-2015
	<i>Master of Science in Computer and Information Science</i> GPA - 3.64 / 4.00	
	International Institute of Information Technology , Hyderabad, India	2009-2013
	<i>Bachelor of Technology(Honors) in Computer Science and Engineering</i> GPA - 9.07 / 10.00	
PUBLICATIONS	<i>Multi-task Pairwise Neural Ranking for Hashtag Segmentation</i> Mounica Maddela , Wei Xu and Daniel Preotjuc-Pietro Proceedings of ACL 2019, long paper	
	<i>A Word-Complexity Lexicon and A Neural Readability Ranking Model for Lexical Simplification.</i> Mounica Maddela and Wei Xu Proceedings of EMNLP 2018, long paper	
PROFESSIONAL EXPERIENCE	Graduate Research Assistant, OSU	08/2018 - present
	<i>Advisor: Dr. Wei Xu</i> Developed a novel neural model to break hashtags into their constituent words.	
	Graduate Research Fellow, OSU	06/2017 - 07/2018
	<i>Advisor: Dr. Wei Xu</i> Developed a novel neural model called “Neural Readability Ranker” to replace complex words in a sentence with their simpler alternatives.	
	Software Development Engineer II	06/2015 - 07/2017
	Big Data Technologies, Amazon, Seattle Improved job monitoring experience in DataNet, one of Amazon’s internal data management systems. Migrated some of the back-end legacy systems in DataNet from Oracle to Amazon Web Services.	
	Independent Study Project, UPENN	01/2014 - 05/2015
	<i>Advisor: Dr. Lyle Ungar</i> Captured the different sources and interpretations of well-being across various countries by analyzing the distribution of sentiment words.	
	Software Development Intern	06/2014 - 08/2014
	Big Data Technologies, Amazon, Seattle Developed natural language interface to help customers communicate with Grasshopper, a SQL query builder system.	
	Text Mining Intern	06/2013 - 08/2013
	SetuServ, Hyderabad, India Worked on text analytics tasks like sentiment analysis of tweets posted during a clinical conference and categorization of credit card transactions.	

AWARDS	<p>The Ohio State University PhD Fellowship for 2017-2018</p> <p>Research Award for undergraduate students at IIIT-H for 2011-2012</p> <p>Deans Academic Award List for all the 8 semesters (Fall 2009 - Spring 2013)</p>
TECHNICAL SKILLS	<p>Programming Languages : Python, Java, C++, C, MATLAB</p> <p>NLP and Data Mining Tools : PyTorch, Stanford CoreNLP, Stanford Topic Modelling Toolbox, MALLET, Scikit, NLTK, WEKA Version 3.7</p> <p>Cloud Computing : Amazon EC2, Amazon CloudSearch.</p>
TALKS	<p>A Word-Complexity Lexicon and A Neural Readability Ranking Model for Lexical Simplification</p> <p>AI Seminar, OSU, October 2018</p> <p>Clippers Meeting, OSU, November 2018</p> <p>Midwest Speech and Language Days, May 2019</p> <p>Lexical Simplification</p> <p>Guest Speaker, CSE 3521, March 2019</p>
SERVICES	<p>Reviewer for NAACL 2019</p> <p>Reviwer for the 5th Workshop on Noisy User-Generated Text (W-NUT), 2019.</p>
AFFILIATIONS	<p>Association for Computational Linguistics (ACL)</p>
TEACHING	<p>Teaching Assistant for Speech and Language Processing (OSU)</p> <p>Teaching Assistant for Internet and Web Systems (UPENN)</p> <p>Teaching Assistant for Computational Linguistics (UPENN)</p> <p>Teaching Assistant for Introduction to Databases (IIIT)</p>