

## Rui Zhang

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RESEARCH INTERESTS	My current research focus is to build Deep Learning systems for Natural Language Processing tasks, including text classification, sentiment analysis, dialog systems, summarization, coreference resolution.	
EDUCATION	<b>Yale University</b> PhD, Computer Science Advised by Prof. Dragomir Radev	Aug 2017 - Present
	<b>University of Michigan, Ann Arbor</b> PhD student, Computer Science Advised by Prof. Dragomir Radev and Prof. Honglak Lee GPA 4.0/4.0	Aug 2015 - May 2017
	<b>University of Michigan, Ann Arbor</b> B.S.E., Computer Engineering Summa Cum Laude GPA 3.93/4.0	Sept 2013 - Apr 2015
	<b>Shanghai Jiao Tong University</b> B.S.E., Electrical and Computer Engineering GPA 3.89/4.0	Sept 2011 - Aug 2015
RESEARCH INTERNSHIPS	<b>Grammarly Inc.</b> , New York Summer Research Intern	May 2018 - Aug 2018
	<b>IBM Thomas J. Watson Research Center</b> , New York Summer Research Intern Deep Learning for Coreference Resolution in TensorFlow	May 2017 - Aug 2017
PUBLICATIONS	<b>Rui Zhang</b> , Cicero Nogueira dos Santos, Michihiro Yasunaga, Bing Xiang, Dragomir Radev. Neural Coreference Resolution with Deep Biaffine Attention by Joint Mention Detection and Mention Clustering. <i>In the 56th Annual Meeting of the Association for Computational Linguistics (ACL), 2018</i>  Catherine Finegan-Dollak, Jonathan K. Kummerfeld, Li Zhang, Karthik Ramanathan, Sesh Sadasivam, <b>Rui Zhang</b> , Dragomir Radev. Improving Text-to-SQL Evaluation Methodology. <i>In the 56th Annual Meeting of the Association for Computational Linguistics (ACL), 2018</i>  Tao Yu, Zifan Li, Zilin Zhang, <b>Rui Zhang</b> , Dragomir Radev. TypeSQL: Knowledge-based Type-Aware Neural Text-to-SQL Generation. <i>In the 16th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL-HLT), 2018</i>	

**Rui Zhang**, Honglak Lee, Lazaros Polymenakos, Dragomir Radev. Addressee and Response Selection in Multi-Party Conversations with Speaker Interaction RNNs. *In The Thirty-Second AAAI Conference on Artificial Intelligence (AAAI), 2018*

Michihiro Yasunaga, **Rui Zhang**, Kshitijh Meelu, Ayush Pareek, Krishnan Srinivasan, Dragomir Radev. Graph-based Neural Multi-Document Summarization. *In the Conference on Computational Natural Language Learning (CoNLL), 2017*

Catherine Finegan-Dollak, Reed Coke, **Rui Zhang**, Xiangyi Ye, Dragomir Radev. Effects of Text Corpus Properties on Short Text Clustering Performance. *In the 54th Annual Conference of the Association for Computational Linguistics (ACL), 2016*

**Rui Zhang**, Honglak Lee, Dragomir Radev. Dependency Sensitive Convolutional Neural Networks for Modeling Sentences and Documents. *In the 15th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL-HLT), 2016*

#### PROFESSIONAL ACTIVITIES

Reviewer: AAAI 2019

#### HONORS AND AWARDS

Yale Conference Travel Fellowship	Yale University, December 2017
Rackham Conference Travel Grant	University of Michigan, March 2016
CSE Departmental Fellowship	University of Michigan, 2015-2016
Outstanding Undergraduate Research Award	University of Michigan, March 2015
James B. Angell Scholar	University of Michigan, 2015
Wang Chu Chien-Wen Research Scholarship	University of Michigan, May 2014
Academic Excellence Scholarship ( <b>top 1%</b> )	University of Michigan, Oct 2012, Oct 2013
Bao Steel Excellence Scholarship	Shanghai Jiao Tong University, Oct 2012
University Merit Student	Shanghai Jiao Tong University, Sept 2012
Dean's List	Every Semester

#### TEACHING

**Artificial Intelligence** (CPSC 570), Yale University Fall 2017

**Natural Language Processing** (EECS 595), University of Michigan Fall 2016

- Heading TA for maintaining autograders and holding office hours.

**Natural Language Processing** (Coursera)

- Maintain autograders for programming assignments for a Coursera online course

**Artificial Intelligence** (EECS 492), University of Michigan Winter 2015

- Prepare Homeworks and Exam Problems. Hold office hours.

**Intro to Programming** (EECS 183), University of Michigan Fall 2014

- Assist with project specifications, lab materials, and exam grading
- Test project auto-grader by self-developing solutions
- Help students with concepts, projects in office hours
- Communicate concerns with instructors to make course effective