

Rui Zhang

CONTACT	Room 333 17 Hillhouse Avenue New Haven, CT 06511	r.zhang@yale.edu https://ryanzhumich.github.io/ +1-734-741-3578
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	Yale University PhD, Computer Science Advised by Prof. Dragomir Radev	Aug 2017 - Present
	University of Michigan, Ann Arbor PhD student, Computer Science Advised by Prof. Dragomir Radev and Prof. Honglak Lee GPA 4.0/4.0	Aug 2015 - May 2017
	University of Michigan, Ann Arbor B.S.E., Computer Engineering Summa Cum Laude GPA 3.93/4.0	Sept 2013 - Apr 2015
	Shanghai Jiao Tong University B.S.E., Electrical and Computer Engineering GPA 3.89/4.0	Sept 2011 - Aug 2015
RESEARCH INTERNSHIPS	Grammarly Inc. , New York Summer Research Intern	May 2018 - Aug 2018
	IBM Thomas J. Watson Research Center , New York Summer Research Intern Deep Learning for Coreference Resolution in TensorFlow	May 2017 - Aug 2017
PUBLICATIONS	Tao Yu, Michihiro Yasunaga, Kai Yang, Rui Zhang , Dongxu Wang, Zifan Li, Dragomir Radev. SyntaxSQLNet: Syntax Tree Networks for Complex and Cross Domain Text-to-SQL Task. <i>In the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2018</i>	
	Tao Yu, Rui Zhang , Kai Yang, Michihiro Yasunaga, Dongxu Wang, Zifan Li, James Ma, Irene Li, Qingning Yao, Shanelle Roman, Zilin Zhang, Dragomir Radev. Spider: A Large-Scale Complex Human-Labeled SQL Corpus for Semantic Parsing and Text-to-SQL Generation. <i>In the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2018</i>	
	Rui Zhang , 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, **Rui Zhang**, Dragomir Radev. Improving Text-to-SQL Evaluation Methodology. *In the 56th Annual Meeting of the Association for Computational Linguistics (ACL)*, 2018

Tao Yu, Zifan Li, Zilin Zhang, **Rui Zhang**, Dragomir Radev. TypeSQL: Knowledge-based Type-Aware Neural Text-to-SQL Generation. *In the 16th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL-HLT)*, 2018

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 (top 1%)	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
<ul style="list-style-type: none"> • Heading TA for maintaining autograders and holding office hours. 	
Natural Language Processing (Coursera)	
<ul style="list-style-type: none"> • Maintain autograders for programming assignments for a Coursera online course 	
Artificial Intelligence (EECS 492), University of Michigan	Winter 2015
<ul style="list-style-type: none"> • Prepare Homeworks and Exam Problems. Hold office hours. 	

- 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