Rui Zhang

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	17 Hillhouse Avenue	https://ryanzhumich.github.io/
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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

Yale University　　　　　　　　　　　　　　　　　　　　　Aug 2017 - Present

PhD, Computer Science
Advised by Prof. Dragomir Radev

University of Michigan, Ann Arbor　　　　　　　　　　　Aug 2015 - May 2017

PhD student, Computer Science
Advised by Prof. Dragomir Radev and Prof. Honglak Lee
GPA 4.0/4.0

University of Michigan, Ann Arbor　　　　　　　　　　　Sept 2013 - Apr 2015

B.S.E., Computer Engineering
Summa Cum Laude
GPA 3.93/4.0

Shanghai Jiao Tong University　　　　　　　　　　　　　Sept 2011 - Aug 2015

B.S.E., Electrical and Computer Engineering
GPA 3.89/4.0

RESEARCH INTERNSHIPS

Google AI, Mountain View　　　　　　　　　　　　　　　May 2019 - Aug 2019

Summer Research Intern
Dr. Yang Li

Grammarly Inc., New York　　　　　　　　　　　　　　　May 2018 - Aug 2018

Summer Research Intern
Email Subject Line Generation with Dr. Joel Tetreault

IBM Thomas J. Watson Research Center, New York　　May 2017 - Aug 2017

Summer Research Intern
Neural Coreference Resolution with Dr. Cícero Nogueira dos Santos and Dr. Bing Xiang

PUBLICATIONS

Rui Zhang, Joel Tetreault. This Email Could Save Your Life: Introducing the Task of Email Subject Line Generation. *In The 57th Annual Meeting of the Association for Computational Linguistics (ACL), 2019*

Rui Zhang, Caitlin Westerfield, Sungrok Shim, Garrett Bingham, Alexander Fabbri, Neha Verma, William Hu, Dragomir Radev. Improving Low-Resource Cross-lingual Document Retrieval by Reranking with Deep Bilingual Representations. *In The 57th Annual Meeting of the Association for Computational Linguistics (ACL), 2019*

Tao Yu, **Rui Zhang**, Michihiro Yasunaga, Yi Chern Tan, Xi Victoria Lin, Suyi Li, Heyang Er, Irene Li, Bo Pang, Tao Chen, Emily Ji, Shreya Dixit, David Proctor, Sungrok Shim, Jonathan Kraft, Vincent Zhang, Caiming Xiong, Richard Socher and Dragomir Radev. SParC: Cross-Domain Semantic Parsing in Context. *In The 57th Annual Meeting of the Association for Computational Linguistics (ACL), 2019*

Michihiro Yasunaga, Jungo Kasai, **Rui Zhang**, Alexander Fabbri, Irene Li, Dan Friedman, Dragomir Radev. ScisummNet: A Large Annotated Corpus and Content-Impact Models for Scientific Paper Summarization with Citation Networks. *In the Thirty-Third AAAI Conference on Artificial Intelligence (AAAI), 2019*

Douglas Oard, Petra Galuscakova, Kathleen McKeown, Marine Carpuat, Mohamed Elbadrashiny, Ramy Eskander, Kenneth Heafield, Efsun Kayi, Chris Kedzie, Smaranda Muresan, Suraj Nair, Xing Niu, Dragomir Radev, Anton Ragni, Han-Chin Shing, Yan Virin, Weijia Xu, **Rui Zhang**, Elena Zotkina, Joseph Barrow, Mark Gales. Surprise Languages: Rapid-Response Cross-Language IR. *In The Ninth International Workshop on Evaluating Information Access (EVIA), 2019*

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. *In the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2018*

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 Human-Labeled Dataset for Complex and Cross-Domain Semantic Parsing and Text-to-SQL Task. *In the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2018*

Rui Zhang, Cícero Nogueira dos Santos, Michihiro Yasunaga, Bing Xiang, Dragomir Radev. Neural Coreference Resolution with Deep Biaffine Attention by Joint Mention Detection and Mention Clustering. *In the 56th Annual Meeting of the Association for Computational Linguistics (ACL), 2018*

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/PC: AAAI 2019, NAACL 2019, ACL 2019, EMNLP 2019, TextGraphs 2019 workshop, ECNLP 2019 workshop	
HONORS AND AWARDS	Yale Conference Travel Fellowship	Yale University, 2017, 2018
	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 ASSISTANT	**Natural Language Processing** (CPSC 577), Yale University	Spring 2018
	Artificial Intelligence (CPSC 570), Yale University	Fall 2017
	Natural Language Processing (EECS 595), University of Michigan	Fall 2016
	Natural Language Processing (Coursera)	
	Artificial Intelligence (EECS 492), University of Michigan	Winter 2015
	Intro to Programming (EECS 183), University of Michigan	Fall 2014