

Yusen Zhang

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RESEARCH INTERESTS Natural language generation. Interactive, high-fidelity semantic parsing. Long document and dialogue summarization. Language generation evaluation.

EDUCATION *Ph.D. Computer Science and Engineering* 2021 - Present
Penn State University, State College, PA
Advisor: Dr. Rui Zhang

M.Sc. Computer Science (Data Science Track) 2019 - 2021
Emory University, Atlanta, GA
Advisor: Dr. Jinho D. Choi

B.Sc. Computer Science and Technology 2014 - 2018
Beijing Institute of Technology, Beijing, China
Thesis: Intent Classification Based on Pattern Engine

RESEARCH EXPERIENCE *Research Assistant* 2021 - 2021
Yale University, New Haven, CT
Project: Long Text Summarization [C4, C5, P1, P2]
Advisor: Dr. Dragomir R. Radev

Research Intern 2017 - 2018
Microsoft Research Asia, Beijing, China
Project: Intent Classification and Name Entity Recognition [C1]
Advisor: Dr. Zijia Lin

PUBLICATIONS * indicates equal contribution

Pre-print/Under Review

[P2]. Yusen Zhang, Ansong Ni, Ziming Mao, Chen Henry Wu, Chenguang Zhu, Budhaditya Deb, Ahmed Hassan Awadallah, Dragomir R. Radev, Rui Zhang. “Summ^N: A Multi-Stage Summarization Framework for Long Input Dialogues and Documents”.

[P1]. Ziming Mao*, Chen Henry Wu*, Ansong Ni, Yusen Zhang, Rui Zhang, Tao Yu, Budhaditya Deb, Chenguang Zhu, Ahmed Hassan Awadallah, Dragomir R. Radev. “DYLE: Dynamic Latent Extraction for Abstractive Long-Input Summarization”.

Publications/Workshop

[C5]. Ansong Ni, Zhangir Azerbayev, Mutethia Mutuma, Troy Feng, Yusen Zhang, Tao Yu, Ahmed Hassan Awadallah, Dragomir Radev. “SummerTime: Text Summarization Toolkit for Non-experts”. EMNLP 2021 Demo Track.

- [C4]. **Yusen Zhang***, Ansong Ni*, Tao Yu, Rui Zhang, Chenguang Zhu, Budhaditya Deb, Asli Celikyilmaz, Ahmed Hassan Awadallah, Dragomir Radev. “An Exploratory Study on Long Dialogue Summarization: What Works and What’s Next”. EMNLP 2021 Findings.
- [C3]. Chang Shu*, **Yusen Zhang***, Xiangyu Dong, Peng Shi, Tao Yu, Rui Zhang. “Logic-Consistency Text Generation from Semantic Parses”. ACL 2021 Findings.
- [C2]. **Yusen Zhang***, Xiangyu Dong*, Shuaichen Chang, Tao Yu, Peng Shi, Rui Zhang. “Did You Ask a Good Question? A Cross-Domain Question Intention Classification Benchmark for Text-to-SQL”. Intex-Sempar @ EMNLP 2020.
- [C1]. Hui Chen, Zijia Lin, Guiguang Ding, Jianguang Lou, **Yusen Zhang**, Borje Karlsson. “GRN: Gated Relation Network to Enhance Convolutional Neural Network for Named Entity Recognition”. AAAI 2019

HONORS AND AWARDS	The 28 th place (19 teams to Final), ACM-ICPC North America Champions	2020
	The 3 rd place, ACM-ICPC Southeast American Regional Contest	2019
	“Star of Tomorrow” Excellence Award, Microsoft Research Asia	2018
	Science and Technology Award, Beijing Institute of Technology (19/3000)	2018

SERVICES Program Committee of InTex-SemPar @ EMNLP 2020

PROFESSIONAL REFERENCE Rui Zhang, Ph.D.
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 Computer Science and Engineering Department,
 Penn State University.
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 Relationship: Ph.D. Advisor