

## Yusen Zhang

---

W343 Westgate Building  
University Park, PA, 16802  
+1 (404)-823-7578  
yfs5488@psu.edu  
[www.yuszh.com](http://www.yuszh.com)

### 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* Aug. 2021 - Present  
**Penn State University, State College, PA**  
GPA: 3.88, Qual: (Algo, Sys) High Pass, Low Pass  
Advisor: Dr. Rui Zhang

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

*B.Sc. Computer Science and Technology* Sep. 2014 - Jun. 2018  
**Beijing Institute of Technology, Beijing, China**  
Thesis: Intent Classification Based on Pattern Engine  
Advisor: Dr. Xinxiao Wu

### RESEARCH EXPERIENCE

*Applied Scientist Intern* Jun. 2022 - Present  
Amazon, New York, NY  
Project: Long Dialogue Summarization  
Advisor: Dr. Xiaofei Ma, Dr. Wei Xiao

*Research Intern* Feb. 2022 - Present  
Microsoft, Redmond, WA  
Project: Controllable Summarization  
Advisor: Dr. Yang Liu

*Research Assistant* Jan. 2021 - Dec. 2021  
Yale University, New Haven, CT  
Project: Long Text Summarization [C4, C5, C6, C7]  
Advisor: Dr. Dragomir R. Radev

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

**PUBLICATIONS** \* indicates equal contribution

- [C7]. **Yusen Zhang**, Ansong Ni, Ziming Mao, Chen Henry Wu, Chenguang Zhu, Budhaditya Deb, Ahmed Hassan Awadallah, Dragomir R. Radev, Rui Zhang. “Summ<sup>N</sup>: A Multi-Stage Summarization Framework for Long Input Dialogues and Documents”. ACL 2022.
- [C6]. 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”. ACL 2022.
- [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

<b>HONORS AND AWARDS</b>	The 28 <sup>th</sup> place (19 teams to Final), ACM-ICPC North America Champions	2020
	The 3 <sup>rd</sup> 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.  
Assistant Professor,  
Computer Science and Engineering Department,  
Penn State University.  
Address: W329 Westgate Building, University Park, PA 16802  
Email: r.zhang@psu.edu  
Relationship: Ph.D. Advisor