

Shen Gao

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EDUCATION

- Peking University** PhD Student in Computer Science *2018–Now*
- Beijing Institute of Technology** Master in Computer Science *2016–2018*

RESEARCH EXPERIENCE

- Ant Group (Alipay)**, Beijing, China. Research Intern *December, 2020*
- Inception Institute of Artificial Intelligence (IIAI)**, Abu Dhabi, UAE. Research Intern *March, 2019*
- JD.com**, Data Science Lab, Beijing, China. Research Intern *June, 2018*

PUBLICATIONS

1. HeteroQA: Learning towards Question-and-Answering through Multiple Information Sources via Heterogeneous Graph Modeling. **Shen Gao**, Yuchi Zhang, Yongliang Wang, Yang Dong, Xiuying Chen, Dongyan Zhao and Rui Yan. *Accepted by WSDM 2022*
2. BioGen: Generating Biography Summary under Table Guidance on Wikipedia. **Shen Gao**, Xiuying Chen, Chang Liu, Dongyan Zhao and Rui Yan. *Accepted by ACL Findings 2021*
3. Meaningful Answer Generation of E-Commerce Question-Answering. **Shen Gao**, Xiuying Chen, Zhaochun Ren, Dongyan Zhao and Rui Yan. *Accepted by TOIS*
4. Learning to Respond with Your Favorite Stickers: A Framework of Unifying Multi-Modality and User Preference in Multi-Turn Dialog. **Shen Gao**, Xiuying Chen, Li Liu, Dongyan Zhao and Rui Yan. *Accepted by TOIS*
5. From Standard Summarization to New Tasks and Beyond: Summarization with Manifold Information. **Shen Gao**, Xiuying Chen, Zhaochun Ren, Dongyan Zhao and Rui Yan. *Accepted by IJCAI 2020 (Special Track. Acceptance criteria: 1) Core AI topic 2) The authors should contain at least one author who has made significant contributions to the topic and can be considered an expert on that topic.)*
6. Learning to Respond with Stickers: A Framework of Unifying Multi-Modality in Multi-Turn Dialog. **Shen Gao**, Xiuying Chen, Chang Liu, Li Liu, Dongyan Zhao and Rui Yan. *Accepted by WWW 2020*
7. How to Write Summaries with Patterns? Learning towards Abstractive Summarization through Prototype Editing. **Shen Gao**, Xiuying Chen, Piji Li, Zhangming Chan, Dongyan Zhao and Rui Yan. *Accepted by EMNLP 2019*
8. Abstractive Text Summarization by Incorporating Reader Comments. **Shen Gao**, Xiuying Chen, Piji Li, Zhaochun Ren, Lidong Bing, Dongyan Zhao and Rui Yan. *Accepted by AAAI 2019*
9. Product-Aware Answer Generation in E-Commerce Question-Answering. **Shen Gao**, Zhaochun Ren, Yihong Eric Zhao, Dongyan Zhao, Dawei Yin and Rui Yan. *Accepted by WSDM 2019*
10. Capturing Relations between Scientific Papers: An Abstractive Model for Related Work Section Generation. Xiuying Chen, Hind Alamro, Mingzhe Li, **Shen Gao**, Xiangliang Zhang, Dongyan Zhao and Rui Yan. *Accepted by ACL 2021*
11. Learning to Organize a Bag of Words into Sentences with Neural Networks: An Empirical Study. Chongyang Tao, **Shen Gao**, Juntao Li, Yansong Feng, Dongyan Zhao, Rui Yan. *Accepted by NAACL 2021*
12. The Style-Content Duality of Attractiveness: Learning to Write Eye-Catching Headlines via Disentanglement. Mingzhe Li, Xiuying Chen, Min Yang, **Shen Gao**, Dongyan Zhao and Rui Yan. *Accepted by AAAI 2021*
13. VMSMO: Learning to Generate Multimodal Summary for Video-based News Articles. Mingzhe Li, Xiuying Chen, **Shen Gao**, Zhangming Chan, Dongyan Zhao and Rui Yan. *Accepted by EMNLP 2020*

14. Selection and Generation: Learning towards Multi-Product Advertisement Post Generation. Zhangming Chan, Yuchi Zhang, Xiuying Chen, **Shen Gao**, Zhiqiang Zhang, Dongyan Zhao and Rui Yan. *Accepted by EMNLP 2020*
15. Iterative Document Representation Learning Towards Summarization with Polishing. Xiuying Chen, **Shen Gao**, Chongyang Tao, Yan Song, Dongyan Zhao and Rui Yan. *Accepted by EMNLP 2018*
16. Learning towards Abstractive Timeline Summarization. Zhangming Chan, Xiuying Chen, **Shen Gao**, Meng-Hsuan Yu, Dongyan Zhao and Rui Yan. *Accepted by IJCAI 2019*
17. Get The Point of My Utterance! Learning Towards Effective Responses with Multi-Head Attention Mechanism. Chongyang Tao, **Shen Gao**, Mingyue Shang, Wei Wu, Dongyan Zhao and Rui Yan. *Accepted by IJCAI 2018*
18. RPM-Oriented Query Rewriting Framework for E-commerce Keyword-Based Sponsored Search. Xiuying Chen, Daorui Xiao, **Shen Gao**, Guojun Liu, Wei Lin, Bo Zheng, Dongyan Zhao and Rui Yan. *Accepted by AAAI 2020 Student Abstract*

HONORS

National Scholarship, Peking University	2021
Scientific Research Award, Peking University	2020
President Scholarship, Peking University	2020
Merit Student, Peking University	2019
The Second Prize Scholarship, Peking University	2019
SIGIR Student Travel Grant, Special Interest Group on Information Retrieval, ACM	2019
Outstanding student, Institute of computer science & technology of Peking University	2018
The First Prize Academic Scholarship, Beijing Institute of Technology	2017

SERVICES

ACL Rolling Review Action Editor (Area Chair)	2022
SIGIR Session Chair	2021
TheWebConf (WWW) Program committee	2021, 2022
SIGIR Program committee	2021
WSDM Program committee	2022
ACL Program committee	2019, 2020, 2021
EMNLP Program committee	2019, 2020, 2021
NAACL Program committee	2020, 2021
COLING Program committee	2020
AAAI Program committee	2020, 2021, 2022
IJCAI Program committee	2021
CIKM Program committee	2020, 2021
CCL Program committee	2018, 2019, 2020
AAACL-IJCNLP Program committee	2020
PAKDD Program committee	2021
ACL NUSE Workshop Program committee	2020
Journal of Information Processing and Management (IPM) Reviewer	from 2019 to now
Neurocomputing Reviewer	from 2020 to now

ENGINEERING PROJECT

- **Web Spider**: Open Source on GitHub, 966 stars. A web spider with web console and dashboard. It can crawl from the web page using dynamic configuration. We use Elasticsearch as the backend storage.