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. 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***

2. Meaningful Answer Generation of E-Commerce Question-Answering. **Shen Gao**, Xiuying Chen, Zhaochun Ren, Dongyan Zhao and Rui Yan. *Accepted by* ***TOIS***

3. 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***

4. 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 and 2) The list of authors should contain at least one author who has made significant contributions to the topic over the last few years and can be considered an expert on that topic.)

5. 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***

6. 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***

7. 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***

8. 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***

9. 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***

10. 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***

11. 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***

12. 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***

13. 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***

14. 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***

15. Learning towards Abstractive Timeline Summarization. Zhangming Chan, Xiuying Chen, **Shen Gao**, Meng-Hsuan Yu, Dongyan Zhao and Rui Yan. *Accepted by **IJCAI 2019***

16. 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***

17. 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

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*
AACL-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 monitor dashboard. It can crawl and clean data from the web page according to the configuration. We use Elasticsearch as the backend storage.