

Qiang Sheng 盛强

CONTACT INFORMATION

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EDUCATION

Institute of Computing Technology, Chinese Academy of Sciences Sept. 2018 - Present

- Ph.D Candidate in Computer Science
- Area of Study: Fake News Detection, Fact-checking, Social Media Mining
- Advisor: Professor Juan Cao
- Graduation year (expected): 2023

Beijing University of Posts and Telecommunications Sept. 2014 - Jun. 2018

- B.Eng in Communication Engineering
- 10/574, Top 1.74%

PUBLICATIONS

1. **Zoom Out and Observe: News Environment Perception for Fake News Detection** [CCF A]
Qiang Sheng, Juan Cao, Xueyao Zhang, Rundong Li, Danding Wang and Yongchun Zhu
Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics (ACL 2022).
2. **Article Reranking by Memory-enhanced Key Sentence Matching for Detecting Previously Fact-checked Claims** [CCF A]
Qiang Sheng, Juan Cao, Xueyao Zhang, Xirong Li, and Lei Zhong
Proceedings of the Joint Conference of the 59th Annual Meeting of the Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing (ACL-IJCNLP 2021).
3. **Integrating Pattern- and Fact-based Fake News Detection via Model Preference Learning** [CCF B]
Qiang Sheng*, Xueyao Zhang*, Juan Cao, and Lei Zhong
Proceedings of the 30th ACM International Conference on Information and Knowledge Management (CIKM 2021).
4. **DRAG: Dynamic Region-Aware GCN for Privacy-Leaking Image Detection** [CCF A]
Guang Yang, Juan Cao, **Qiang Sheng**, Peng Qi, Xirong Li, and Jintao Li
Proceedings of the 36th AAAI Conference on Artificial Intelligence (AAAI 2022).
5. **Mining Dual Emotion for Fake News Detection** [CCF A]
Xueyao Zhang, Juan Cao, Xirong Li, **Qiang Sheng**, Lei Zhong, and Kai Shu
Proceedings of the 30th Web Conference (WWW 2021).
6. **Improving Fake News Detection by Using an Entity-enhanced Framework to Fuse Diverse Multimodal Clues** [CCF A]
Peng Qi, Juan Cao, Xirong Li, Huan Liu, **Qiang Sheng**, Xiaoyue Mi, Qin He, Yongbiao Lv, Chenyang Guo, and Yingchao Yu
Proceedings of the 29th ACM International Conference on Multimedia (MM 2021).
7. **Semantics-Enhanced Multi-modal Fake News Detection** [CCF A]
Peng Qi, Juan Cao, and **Qiang Sheng**
Journal of Computer Research and Development, 2021.

8. **Exploring the Role of Visual Content in Fake News Detection**
 Juan Cao, Peng Qi, **Qiang Sheng**, Tianyun Yang, Junbo Guo, and Jintao Li
 Disinformation, Misinformation, and Fake News in Social Media: Emerging Research Challenges and Opportunities, Lecture Notes in Social Network (LNSN), Springer Press, 2020.
9. **Fake News and Disinformation Detection on the Internet: Recent Advances and Future Prospects**
 Juan Cao, **Qiang Sheng**, and Peng Qi
 Communications of the China Computer Federation, March 2020.
10. **Integrating Semantic and Structural Information with Graph Convolutional Network for Controversy Detection [CCF A]**
 Lei Zhong, Juan Cao, **Qiang Sheng**, Junbo Guo, and Ziang Wang
 Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics (ACL 2020).

PROFESSIONAL
EXPERIENCE

Reviewer:

NAACL 2022, ACL 2022, AAAI 2022, EMNLP 2021, ACL Rolling Review (2021-2022), ACM CSCW 2021 (**Outstanding Reviewer**), Information Processing & Management, Multimedia Systems

Student Volunteer:

IEEE ICDM 2019

TEACHING
EXPERIENCE

081203M05008H: Multimedia Technology, UCAS

Teaching Assistant

Spring 2020,2021

HONORS
& AWARDS

- E Fund Scholarship, Guangdong E Fund Education Foundation & UCAS Education Foundation 2021
- Merit Student, University of Chinese Academy of Sciences 2019, 2020
- Outstanding Graduate, Beijing Municipal Commission of Education 2018
- National Scholarship, Ministry of Education of China 2015,2016,2017

PROJECTS

AIShiyao: A Rumor Tracking and Verification System Aug. 2017 - Aug. 2018
 Developing for data annotation, detail page data aggregation and data analysis.

Revised L^AT_EX Template for BUPT Bachelor Thesis

Jun. 2018

Revised the L^AT_EX template to meet the latest requests. Got 345+ stars on GitHub (<https://github.com/sheng-qiang/BUPTBachelorThesis>).