

Xi Xia Wang (王夏霞)

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Short Bio

Currently I am a M.S. student of [Department of Computer Science and Technology](#) in [Nanjing University](#) and a member of [Websoft Research Group](#). I received my B.S. degree of Information and Computing Science in June 2019 from [Nanjing University of Aeronautics and Astronautics](#). In the same year, I was admitted to study for a M.S. degree in Nanjing University without entrance examination, supervised by Associate Prof. [Gong Cheng](#) and Prof. [Yuzhong Qu](#).

Education

Nanjing University

Sept. 2019 - Now

M.S. student of Department of Computer Science and Technology

Supervisor: Associate Prof. Gong Cheng and Prof. Yuzhong Qu

Nanjing University of Aeronautics and Astronautics

Sept. 2015 - Jun. 2019

B.S. degree of Information and Computing Science

GPA: 4.5/5.0, Ranking: 1/70

Research Interest

My research interest lies in Semantic Web and Knowledge Graph for intelligent software systems.

Currently I mainly study the **semantic search** algorithms and techniques applied in **dataset search systems**, including data summarization, query analysis, and information retrieval.

Publications

1. **Xi Xia Wang**, Gong Cheng, Jeff Z. Pan, Evgeny Kharlamov, Yuzhong Qu
[BANDAR: Benchmarking Snippet Generation Algorithms for \(RDF\) Dataset Search](#).
To appear in IEEE Transactions on Knowledge and Data Engineering (TKDE).
2. **Xi Xia Wang**, Gong Cheng, Tengting Lin, Jing Xu, Jeff Z. Pan, Evgeny Kharlamov, Yuzhong Qu
[PCSG: Pattern-Coverage Snippet Generation for RDF Datasets](#).
In Proc. of the 20th International Semantic Web Conference (ISWC 2021).
3. **Xi Xia Wang**, Jinchi Chen, Shuxin Li, Gong Cheng, Jeff Z. Pan, Evgeny Kharlamov, Yuzhong Qu
[A Framework for Evaluating Snippet Generation for Dataset Search](#).
In Proc. of the 18th International Semantic Web Conference (ISWC 2019), Part 1.
4. **Xi Xia Wang**, Tengting Lin, Weiqing Luo, Gong Cheng, Yuzhong Qu
[Content-Based Open Knowledge Graph Search: A Preliminary Study with OpenKG.CN](#).
To appear in Proc. of the 2021 China Conference on Knowledge Graph and Semantic Computing (CCKS 2021).
5. **Xi Xia Wang**, Gong Cheng, Evgeny Kharlamov
[Towards Multi-Facet Snippets for Dataset Search](#).
In Proc. of the 6th International Workshop on Dataset PROFILING and Search (PROFILES 2019).
6. Jinchi Chen, **Xi Xia Wang**, Gong Cheng, Evgeny Kharlamov, Yuzhong Qu
[Towards More Usable Dataset Search: From Query Characterization to Snippet Generation](#).
In Proc. of the 28th ACM International Conference on Information and Knowledge Management (CIKM 2019).

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[\[Google Scholar\]](#)

Selected Awards and Honors

- First-Class Academic Scholarship of Nanjing University *2020*
- Outstanding Graduate Student of Nanjing University *2019*
- Jiangsu Financial Leasing Scholarship *2019*
- Huawei Scholarship of Nanjing University of Aeronautics and Astronautics *2018*
- First-Class Outstanding Student Scholarship of Nanjing University of Aeronautics and Astronautics *2016 - 2019*

Teaching Assistant

- **Graph Theory** *Spring 2020, Spring 2021*
 - For about 70 graduate and undergraduate students.

PC Member

- CIKM 2020, CIKM 2021

Language Skills

- **Chinese** – *Native*
- **English** – *Fluent*
 - TOEFL-iBT: 107/120 (Jun. 2021), GRE: 324/340 (Feb. 2021)