

# Xi Xia Wang (王夏霞)

Nanjing University Xianlin Campus, 163 Xianlin Avenue, Qixia District, Nanjing 210023, PR China

E-mail: [xxwang@smail.nju.edu.cn](mailto:xxwang@smail.nju.edu.cn), Homepage: <https://xi Xia Wang.github.io/>

## 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 Professor Gong Cheng and Professor 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](#).  
Accepted by IEEE Transactions on Knowledge and Data Engineering (TKDE).
2. **Xi Xia Wang**, Tengting Lin, Weiqing Luo, Gong Cheng, Yuzhong Qu  
[CKGSE: A Prototype Search Engine for Chinese Knowledge Graphs](#).  
In Data Intelligence (DI 2022).
3. **Xi Xia Wang**, Tengting Lin, Weiqing Luo, Gong Cheng, Yuzhong Qu  
[Content-Based Open Knowledge Graph Search: A Preliminary Study with OpenKG.CN](#).  
In Proc. of the 2021 China Conference on Knowledge Graph and Semantic Computing (CCKS 2021).
4. **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). With Student Grant.
5. **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).
6. **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).

7. Jinchi Chen, **Xiaxia 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).  
[\[DBLP Page\]](#)      [\[Google Scholar\]](#)

## Selected Awards and Honors

---

- National Scholarship *2021*
- First-Class Academic Scholarship of Nanjing University *2020*
- Outstanding Graduate Student of Nanjing University *2019, 2021*
- Jiangsu Financial Leasing Scholarship *2019*
- Huawei Scholarship *2018*
- First-Class Outstanding Student Scholarship *2016 - 2019*

## Teaching Assistant

---

- **Graph Theory and Algorithms** *Spring 2022*
- **Graph Theory** *Spring 2020, Spring 2021*
  - For about 70 graduate and undergraduate students.

## PC Member

---

- *2022*: ISWC, CIKM
- *Before 2022*: CIKM 2020, CIKM 2021

## Review Committee Member

---

- Journal of Web Semantics

## Language Skills

---

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

Updated at: *Apr. 2022*