Xiaozhi Wang

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Education

2020 – now   🔖 **PhD Student. Dept. of Computer Science and Technology, Tsinghua University.**
Advisor: Prof. Juanzi Li.

2016 – 2020   🔖 **B.Eng. Dept. of Computer Science and Technology, Tsinghua University.**

Research

Research Interests

Information Extraction, Knowledge Graph, Pre-trained Language Models.

Journal Articles

1   **Wang, X.**, Gao, T., Zhu, Z., Zhang, Z., Liu, Z., Li, J., & Tang, J. (2021, March). Kepler: a unified model for knowledge embedding and pre-trained language representation. *Transactions of the Association for Computational Linguistics*, *9*, 176–194. doi:10.1162/tacl_a_00360

2   Zhang, Z., Han, X., Zhou, H., Ke, P., Gu, Y., Ye, D., … Sun, M. (2021). Cpm: a large-scale generative chinese pre-trained language model. *AI Open*, *2*, 93–99. doi:https://doi.org/10.1016/j.aiopen.2021.07.001

Conference Papers

1   Wang, Z., **Wang, X.**, Han, X., Lin, Y., Hou, L., Liu, Z., … Zhou, J. (2021, August). CLEVE: Contrastive Pre-training for Event Extraction. In *Proceedings of the 59th annual meeting of the association for computational linguistics and the 11th international joint conference on natural language processing (volume 1: long papers)* (pp. 6283–6297). Online: Association for Computational Linguistics. doi:10.18653/v1/2021.acl-long.491

2   Yao, Y., Zhong, H., Zhang, Z., Han, X., **Wang, X.**, Zhang, K., … Sun, M. (2021, May). Adversarial language games for advanced natural language intelligence. (Vol. 35, *16*, pp. 14248–14256). 🔗 https://ojs.aaai.org/index.php/AAAI/article/view/17676

3   **Wang, X.**, Jia, S., Han, X., Liu, Z., Li, J., Li, P., & Zhou, J. (2020, December). Neural Gibbs Sampling for Joint Event Argument Extraction. In *Proceedings of the 1st conference of the asia-pacific chapter of the association for computational linguistics and the 10th international joint conference on natural language processing* (pp. 169–180). Suzhou, China: Association for Computational Linguistics. 🔗 https://www.aclweb.org/anthology/2020.aacl-main.21

4   Gu, Y., Zhang, Z., **Wang, X.**, Liu, Z., & Sun, M. (2020, November). Train no evil: selective masking for task-guided pre-training. In *Proceedings of the 2020 conference on empirical methods in natural language processing (emnlp)* (pp. 6966–6974). Online: Association for Computational Linguistics. doi:10.18653/v1/2020.emnlp-main.566

5   **Wang, X.**, Wang, Z., Han, X., Jiang, W., Han, R., Liu, Z., … Zhou, J. (2020, November). MAVEN: A Massive General Domain Event Detection Dataset. In *Proceedings of the 2020 conference on empirical methods in natural language processing (emnlp)* (pp. 1652–1671). Online: Association for Computational Linguistics. 🔗 https://www.aclweb.org/anthology/2020.emnlp-main.129

6   **Wang**, **X.**, Han, X., Liu, Z., Sun, M., & Li, P. (2019). Adversarial training for weakly supervised event detection. In *Proceedings of NAACL-HLT* (pp. 998–1008). 🔗
https://www.aclweb.org/anthology/N19-1105

7   **Wang**, **X.**, Wang, Z., Han, X., Liu, Z., Li, J., Li, P., … Ren, X. (2019). HMEAE: hierarchical modular event argument extraction. In *Proceedings of EMNLP-IJCNLP* (pp. 5777–5783). 🔗
https://www.aclweb.org/anthology/D19-1584

8   **Wang**, **X.**, Han, X., Lin, Y., Liu, Z., & Sun, M. (2018). Adversarial multi-lingual neural relation extraction. In *Proceedings of COLING* (pp. 1156–1166). 🔗
http://aclweb.org/anthology/C18-1099

Professional Services

Program Committee Member/Reviewer: AAAI/IJCAI/COLING 2020, AAAI/ACL/EMNLP 2021, AAAI/COLING 2022, ACL Rolling Review.

Work Experience

2017 – 2020	🔖 **Research Assistant** Tsinghua Natural Language Processing and Computational Social Science Lab. Supervised by Prof. Zhiyuan Liu.
2019.4 – Now	🔖 **Research Intern** Pattern Recognition Center, WXG, Tencent Inc.
2019.7 – 2019.9	🔖 **Visiting Researcher** DeepGraph Lab at Mila. Supervised by Prof. Jian Tang.

Honors

2021   🔖 **Sohu Scholarship, Tsinghua University**. Awarded to graduates with excellent overall achievements in the last year.

2020   🔖 **Excellent Graduate, Tsinghua University**
     🔖 **Outstanding Graduate, Dept. CST, Tsinghua University**
     🔖 **Outstanding Undergraduate Dissertation, Tsinghua University**

2019   🔖 **Zhong Shimo Scholarship, Dept. CST, Tsinghua University**. Highest award (3) of undergraduates in Dept. CST.
     🔖 **Cai Xiong Scholarship, Tsinghua University**. Awarded to the top 10 undergraduates with excellent scientific achievements in Tsinghua University.
     🔖 **Overall Excellence Scholarship, Tsinghua University**. Awarded to students with excellent overall achievements in the last year.
     🔖 **SenseTime Scholarship**. SenseTime Group Ltd. awards 29 outstanding AI undergraduates nationwide.
     🔖 **Tencent Rhino-Bird Elite Training Program**. Tencent select 56 talents (including graduates) nationwide by this program to enhance their comprehensive skills.
     🔖 **Fellowship of the Tsinghua University Initiative Scientific Research Program**. Awarded to the top 10 undergraduates with excellent research potential and promising research in Tsinghua University. Fund 32,000 USD in total.
     🔖 **The CCF Outstanding Undergraduate Award**. The China Computer Federation (CCF) awards 73 outstanding undergraduate students nationwide.
     🔖 **1st Prize**. Tsinghua University "Challenge Cup" Science and Technology Competition.
     🔖 **3rd Prize**. Beijing "Challenge Cup" Science and Technology Competition.

Honors (continued)

2018   ▚ **Fellowship of the Spark Talents Program**. Awarded to the top 50 among 3,000 Tsinghua students every year who are dedicated to scientific and technological innovations.

     ▚ **Science and Technology Innovation Excellence Scholarship, Tsinghua University**. Awarded to students with excellent scientific potential by Tsinghua University.

     ▚ **Academic Excellence Scholarship, Dept. CST, Tsinghua University**. Awarded to students with excellent academic achievements by Department of Computer Science and Technology, Tsinghua University.

     ▚ **Science and Technology Innovation Excellence Scholarship, Dept. CST, Tsinghua University**. Awarded to students with excellent scientific potential by Department of Computer Science and Technology, Tsinghua University.

2017   ▚ **Golden Award**. International Collegiate Programming Contest (ACM-ICPC) Asia Qingdao Regional.

     ▚ **Golden Award**. CCF Collegiate Computer Systems and Programming Contest (CCSP).

2016   ▚ **Golden Award**. China Collegiate Programming Contest (CCPC) Changchun Regional.

2015   ▚ **3rd Prize**. National Olympiad in Informatics.

2014   ▚ **1st Prize**. National Olympiad in Informatics in Provinces.