

CONTACT INFORMATION	Department of Computer Science University of Virginia Room 224, Rice Hall Charlottesville, VA 22903 Email : tqf5qb@virginia.edu Homepage: weizhepei.com
RESEARCH INTERESTS	Large Language Model (LLM), Textual Representation Learning, Trustworthy Language Generation and Reasoning
EDUCATION	University of Virginia , Charlottesville, U.S. <ul style="list-style-type: none">• Ph.D., Department of Computer Science Aug. 2022 - present Jilin University , Changchun, China <ul style="list-style-type: none">• M.S., School of Artificial Intelligence Sep. 2019 - June 2022• B.S., College of Computer Science and Technology Sep. 2015 - July 2019
RESEARCH EXPERIENCE	Research Assistant @ University of Virginia Aug. 2023 - present Advisor: Prof. Yu Meng Research Assistant @ University of Virginia Aug. 2022 - Aug. 2023 Human-Centric Data Mining Lab Advisor: Prof. Hongning Wang Research Assistant @ Jilin University Sep. 2019 - June 2022 Artificial Intelligence Lab Advisor: Prof. Yi Chang Research Intern @ Huawei Research July 2018 - Aug. 2019 Poisson Lab (2012 Lab) Mentor: Dr. Yantao Jia Research Assistant @ Jilin University May 2017 - June 2018 Machine Learning Lab Advisor: Prof. You Zhou
SELECTED PUBLICATIONS	Google Scholar Citations: 400+, Github Stars: 800+ (as of Dec. 2023) <ol style="list-style-type: none">1. Zhepei Wei, Chuanhao Li, Haifeng Xu, Hongning Wang. <i>Incentivized Communication for Federated Bandits</i>. NeurIPS 2023.2. Erxin Yu, Lan Du, Yuan Jin, Zhepei Wei, Yi Chang. <i>Learning Semantic Textual Similarity via Topic-informed Discrete Latent Variables</i>. EMNLP 2022.3. Zhepei Wei, Yue Wang, Jinnan Li, Zhining Liu, Erxin Yu, Yuan Tian, Xin Wang, Yi Chang. <i>Towards Unified Representations of Knowledge Graph and Expert Rules for Machine Learning and Reasoning</i>. ACL-IJCNLP 2022.4. Runliang Niu, Zhepei Wei, Yan Wang, Qi Wang. <i>AttExplainer: Explain Transformer via Attention by Reinforcement Learning</i>. IJCAI-ECAI 2022.

5. **Zhepei Wei**, Jianlin Su, Yue Wang, Yuan Tian, Yi Chang. *A Novel Cascade Binary Tagging Framework for Relational Triple Extraction*. ACL 2020.
6. **Zhepei Wei**, Di Wang, Ming Zhang, Ah-Hwee Tan, Chunyan Miao, You Zhou. *Autonomous Agents in Snake Game via Deep Reinforcement Learning*. ICA 2018.

AWARDS &
HONORS

- NeurIPS Scholar Award (2023) NeurIPS Foundation
- UVA Computer Science Scholar Fellowship (2022) University of Virginia
- National Scholarship (2018, 2020) Ministry of Education of China
- First Class Scholarship (2017, 2020) Jilin University
- Outstanding Postgraduate (2020) Jilin University
- Outstanding Graduate (2019) Jilin University
- Outstanding Undergraduate (2016, 2017, 2018) Jilin University
- Excellent Undergraduate Leader (2016, 2017) Jilin University
- National Endeavor Scholarship (2016) Ministry of Education of China

ACADEMIC
SERVICES

Conference Paper Reviewer

- The Web Conference (WWW), 2023
- Conference on Empirical Methods in Natural Language Processing (EMNLP), 2021
- The AAAI Conference on Artificial Intelligence (AAAI), 2020 ~ 2021, 2024
- Annual Meeting of the Association for Computational Linguistics (ACL), 2020
- ACM International Conference on Information and Knowledge Management (CIKM), 2020
- IEEE International Conference on Data Mining (ICDM), 2019

Journal Article Reviewer

- Elsevier Neurocomputing
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- ACM Transactions on Intelligent Systems and Technology (TIST)