Tianwen Jiang

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CONTACT INFO

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Address: Harbin 150001, P. R. CHINA.

RESEARCH INTEREST

Text Analysis, Information Extraction, Knowledge Graph Construction and Inference.

EXPERIENCE

Visiting Ph.D. Student, **University of Notre Dame**　　2018.09 – 2019.09

Group: Data Mining towards Decision Making
Advisor: Meng Jiang

Research Intern, **Microsoft Research Asia**　　2017.12 – 2018.04

Group: Knowledge Computing
Mentor: Chin-Yew Lin, Principal Research Manager at Microsoft Research Asia

EDUCATION

Ph.D. candidate, **Harbin Institute of Technology**　　2016.9 - Present

Major: Computer Science
Advisor: Bing Qin, Professor in Harbin Institute of Technology

B.E., **Harbin Institute of Technology**　　2012.9 - 2016.7

Major: Computer Science, Score: 86.9 (rank top 15%)
Dissertation: Representation Learning for Open-Domain Chinese Knowledge Base
Advisor: Bing Qin, Professor in Harbin Institute of Technology

PUBLICATION

[J4] **Tianwen Jiang**, Qingkai Zeng, Tong Zhao, Bing Qin, Ting Liu, Nitesh Chawla, Meng Jiang, "Biomedical Knowledge Graphs Construction from Conditional Statements." the IEEE/ACM Transactions on Computational Biology and Bioinformatics (TCBB), 2020. | CCF B

[C6] **Tianwen Jiang**[#], Zhihan Zhang[#], Tong Zhao, Bing Qin, Ting Liu, Nitesh Chawla, Meng Jiang. CTGA: Graph-based Biomedical Literature Search. 2019 IEEE International Conference on Bioinformatics & Biomedicine (BIBM) 2019. | CCF B, Acceptance Rate= 18%

[C5] **Tianwen Jiang**, Tong Zhao, Bing Qin, Ting Liu, Nitesh V. Chawla, Meng Jiang. Multi-Input Multi-Output Sequence Labeling for Joint Extraction of Fact and Condition Tuples from Scientific Text. *2019 Conference on Empirical Methods in Natural Language Processing and 9th International Joint Conference on Natural Language Processing (EMNLP), 2019.* | CCF B, Acceptance Rate= 23.8%

[C4] **Tianwen Jiang**, Tong Zhao, Bing Qin, Ting Liu, Nitesh V. Chawla, Meng Jiang. The Role of "Condition": A Novel Scientific Knowledge Graph Representation and Construction Model. *ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2019.* | CCF A, Acceptance Rate= 14.2%

[C3] Daheng Wang, **Tianwen Jiang**, Nitesh V. Chawla, Meng Jiang. "TUBE: Embedding Behavior Outcomes for Predicting Success." *ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2019.* | CCF A, Acceptance Rate= 14.2%

[W1] **Tianwen Jiang**, Tong Zhao, Bing Qin, Ting Liu, Nitesh V. Chawla, Meng Jiang. Constructing Information-Lossless Biological Knowledge Graphs from Conditional Statements. *International Workshop on Data Mining in Bioinformatics (BIOKDD), 2019.*

[J3] **Tianwen Jiang**, Sendong Zhao, Jing Liu, Jin-Ge Yao, Ming Liu, Bing Qin, Ting Liu, Chin-Yew Lin. Towards Time-Aware Distant Supervision for Relation Extraction. *ArXiv preprint arXiv:1903.03289, 2019*.

[J2] **Tianwen Jiang**, Ming Liu, Bing Qin, Ting Liu. Attribute Acquisition in Ontology based on Representation Learning of Hierarchical Classes and Attributes. *ArXiv preprint arXiv:1903.03282, 2019.*

[C2] **Tianwen Jiang**, Ming Liu, Bing Qin, Ting Liu. Constructing Semantic Hierarchies via Fusion Learning Architecture. *China Conference on Information Retrieval (CCIR), Springer, Cham, 2017: 136-148.* | EI Conference

[J1] **Tianwen Jiang**, Bing Qin, Ting Liu. Open Domain Knowledge Reasoning for Chinese Based on Representation Learning. *Journal of Chinese Information Processing (JCIP), 2018, 32 (3), 34-41.*

[C1] Shen Liu, **Tianwen Jiang**, Bing Qin, Ting Liu. Learning Type Hierarchies for Open-domain Named Entities via Word Embeddings based on Character Information. *Proceeding of The China Conference on Knowledge Graph and Semantic Computing, (CCKS), 2016.*

AWARDS	The China Computer Federation Outstanding Undergraduate Award	October 2016
	Outstanding Graduates from Harbin Institute of Technology	July 2016
	People's Scholarship (four times)	2013 - 2016
	University-level Outstanding Student Cadre	2013
	National Scholarship for Encouragement	2013

CAMPUS	Minister of Graduate Student Union of HIT	2016 - 2017
EXPERIENCE	President of HIT Computer Club 110	2015 - 2016
	Vice-Minister of Student Union of School of Computer, HIT	2013 - 2014