**Tianwen Jiang**

**————————————————————————————————————————**

Ph.D. candidate, twjiang@ir.hit.edu.cn

|  |  |
| --- | --- |
| **CONTACT INFO** | **Mobile:** +86-13136647983 **E-mail:** [twjiang@ir.hit.edu.cn](mailto:twjiang@ir.hit.edu.cn)  **Homepage:** http://ir.hit.edu.cn/~twjiang/  **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  Outstanding Graduates from Harbin Institute of Technology  People's Scholarship (four times)  University-level Outstanding Student Cadre  National Scholarship for Encouragement | October 2016  July 2016  2013 - 2016  2013  2013 |

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