Yuxuan Wang

Ph.D. candiate, *Language analysis* group in HIT-SCIR
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RESEARCH INTEREST

Computational linguistics, Natural language processing, Dependency parsing. My supervisor is Wanxiang Che.

EDUCATION

Ph.D. candidate, Harbin Institute of Technology 2016.9 - present
Major: Computer Science

B.E., Harbin Institute of Technology 2012.9 - 2016.6
Major: Computer Science

PUBLICATION

Yuxuan Wang, Wanxiang Che, Jiang Guo, and Ting Liu. 2018. A Neural Transition-Based Approach for Semantic Dependency Graph Parsing. In *Proceedings of the 32nd AAAI Conference on Artificial Intelligence* (AAAI2018).

Wanxiang Che, Jiang Guo, **Yuxuan Wang**, Bo Zheng, Huaipeng Zhao, Yang Liu, Dechuan Teng and Ting Liu. 2017. The HIT-SCIR System for End-to-End Parsing of Universal Dependencies. In *Proceedings of the CoNLL 2017 Shared Task: Multilingual Parsing from Raw Text to Universal Dependencies* (CoNLL2017).

Yuxuan Wang, Jiang Guo, Wanxiang Che and Ting Liu. 2016. Transition-based Chinese Semantic Dependency Graph Parsing. In *Proceedings of the 15th China National Conference on Computational Linguistics and the 4th International Symposium on Natural Language Processing based on Naturally Annotated Big Data* (CCL2016).

PROJECTS

Language Technology Platform (LTP) 2016.9 - present
Project Homepage: `https://github.com/HIT-SCIR/ltp`. LTP is a software package that provides Chinese natural language processing pipeline along with web service API.

- one of the developers of LTP.
- developed the semantic dependency graph parsing module of LTP.

CoNLL 2017 Shared Task 2017.3 - 2017.7
Task Homepage: `http://universaldependencies.org/conll17/` The goal of this task is to parse multilingual corpora from raw text to universal dependencies.

- our system achieved 4th place among 113 registered team all over the world.
- developed the major parsing module of our system.

TECHNIQUE SUMMARY

Programming Languages: C/C++, Python, Shell
Operating Systems: Linux
Experience: Git
Language: English (PETS5), Chinese (Native)

AWARDS

Best Paper Award of NLP-NABD 2016 2016.10
Best 100 graduation thesis in 2016 of Harbin Institute of Technology 2016.6