刘一佳

阿里巴巴达摩院，自然语言智能实验室
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研究兴趣	自然语言处理，中文分词，句法分析，以及机器学习。

教育经历

博士研究生，**哈尔滨工业大学** 专业：计算机科学与技术，导师：秦兵、车万翔	2014.9 - 2019.6
访问学生，**华盛顿大学** 导师：Noah A. Smith	2016.10 - 2017.9
硕士研究生，**哈尔滨工业学** 专业：计算机科学与技术	2012.9 - 2014.7
工学学士，**哈尔滨工业大学** 专业：计算机科学与技术	2008.7 - 2012.7

发表论文

Yijia Liu, Wanxiang Che, Yuxuan Wang, Bo Zheng, Bing Qin, and Ting Liu. 2019. Deep Contextualized Word Embeddings for Universal Dependency Parsing. In ACM Transactions on Asian and Low-Resource Language Information Processing (TAL-LIP). Volume 19 Issue 1, July 2019.

Yutai Hou, **Yijia Liu**, Wanxiang Che and Ting Liu. 2018. Sequence-to-Sequence Data Augmentation for Dialogue Language Understanding. In *Proceedings of the 27th International Conference on Computational Linguistics* (COLING).

Haoyang Wen, **Yijia Liu**, Wanxiang Che, Libo Qin and Ting Liu, 2018. Sequence-to-Sequence Learning for Task-oriented Dialogue with Dialogue State Representation. In *Proceedings of the 27th International Conference on Computational Linguistics* (COLING).

Yijia Liu, Wanxiang Che, Huaipeng Zhao, Bing Qin, Ting Liu. 2018. Knowledge Distilling for Search-based Structured Prediction. (to appear) In *Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics* (ACL).

Yijia Liu, Yi Zhu, Wanxiang Che, Bing Qin, Nathan Schneder, and Noah A. Smith. 2018. Parsing Tweets into Universal Dependency. (to appear) In *Proceedings of the 2018 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies* (NAACL).

Yijia Liu, Wanxiang Che, Jiang Guo, Bing Qin, and Ting Liu. 2016. Exploring Segment Representations for Neural Segmentation Models. In *Proceedings of the 25th International Joint Conference on Artificial Intelligence* (IJCAI).

Yijia Liu, Wanxiang Che, Bing Qin, and Ting Liu. 2016. HC-search for Incremental Parsing. In *Proceedings of the 25th International Joint Conference on Artificial Intelligence* (IJCAI).

Yijia Liu, Yue Zhang, Wanxiang Che, and Ting Liu. 2015. Transition-Based Syntactic Linearization. In *Proceedings of the 2015 Conference of the North American Chapter of the Association for Computational Linguistics* (NAACL).

Yijia Liu, Yue Zhang, Wanxiang Che, and Ting Liu. 2014. Domain Adaptation for CRF-based Chinese Word Segmentation using Free Annotations, In *Proceedings of the 2014 Conference on Empirical Methods in Natural Language Processing* (EMNLP).

Yijia Liu, Wanxiang Che, and Ting Liu. 2013. Enhancing chinese word segmentation with character clustering. In *Chinese Computational Linguistics and Natural Language Processing Based on Naturally Annotated Big Data* (CCL).

Yijia Liu, Meishan Zhang, Wanxiang Che, Ting Liu, and Yihe Deng. 2012. Micro blogs Oriented Word Segmentation System. In *Proceedings of the Second CIPS-SIGHAN Joint Conference on Chinese Language Processing.*

Meishan Zhang, Wanxiang Che, **Yijia Liu**, Zhenghua Li, Ting Liu. 2012. HIT dependency parsing: Bootstrap aggregating heterogeneous parsers. In *Notes of the First Workshop on Syntactic Analysis of Non-Canonical Language* (SANCL).

专利	车万翔；**刘一佳**；刘挺；赵妍妍。一种中文分词增量学习方法，201510604035.0

参与项目

语言技术平台 (LTP: Language Technology Platform)　　　　　2013.6 - 现在
项目地址: `https://github.com/HIT-SCIR/ltp`，LTP 提供一系列中文自然语言处理模块和基于云端的 API 服务。

- 参与开发并维护语言技术平台。
- 参与了网站 (`http://ltp-cloud.com`) 前端开发与 Restful API 的开发。
- 使用 Perceptron 算法重构了分词、词性标注、命名实体识别和依存句法分析模块。

Zpar Project　　　　　2013.10 - 2014.10
项目地址: `http://sourceforge.net/projects/zpar/`

- 开发基于转移的依存句法分析器

学术服务

会议审稿人: ACL 2018-2019; EMNLP 2019; NAACL 2018-2019; IJCAI 2016; CCL 2015-2019; NLPCC 2015-2019; SemEval 2016;

工作经历

研究助理 新加坡科学与设计大学　　　　　2013.10 - 2014.10
导师: 张岳，从事机器翻译、中文序列标注以及基于转移的依存句法分析相关研究

实习研发工程师 百度公司, 自然语言处理部　　　　　2011.7 - 2011.11
query 模版挖掘，libwordseg 的 python 封装

教学经历

TA 高级语言编程 (C/C++)	2009 秋季, 2010 秋季
TA 程序设计与实践 (算法与数据结构基础)	2011 春季, 2012 春季

技术经验

编程语言: C, C++, Python, R, Shell, PHP, Java
操作系统: Linux (有两年系统管理员经验)
软件经验: SVN, Git, Valgrind, Apache, Nginx, django (Python)

所获奖励

2018 年百度奖学金	2018.12
黑龙江省科学进步一等奖: 语言技术平台及其应用	2016.9
华为企业奖学金 (博士阶段)	2016.9
国家奖学金 (硕士阶段)	2013.9
2010 ACM/ICPC 亚洲区赛杭州现场赛银奖	2010.10
华为企业奖学金 (本科阶段)	2010.9