

Ji Ma

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Northeastern University. NO. 3-11, Wenhua Road, Heping District, Shenyang, P. R. China

Education

Northeast University Ph.D. in Candidate in Computer Science Mentor: Prof. Jingbo Zhu	Sep. 2011 – Present
Northeast University M.S. in Computer Science Mentor: Prof. Derong Shen	Sep. 2008 – Jul. 2010
Jiangsu University B.S. in Computer Science	Sep. 2004 – Jul. 2008

Research Interests

Syntactic processing, especially part-of speech (POS) tagging and dependency parsing, machine learning and inference algorithms for structured prediction

Work History

Visiting Student Singapore University of Technology and Design, Singapore Mentor: Dr. Yue Zhang Improving web domain POS tagging with neural network	Sep. 2013 – Present
Research Intern Microsoft Research Asia, Beijing, China Mentor: Dr. Mu Li and Prof. Changning Huang Bing IME Project, working on language model compression and vocabulary optimization	Jun. 2011 – Jun. 2012

Software

TWeb: A web domain part-of-speech tagger. <https://github.com/majineu/TWeb>

Publications

- **Tagging The Web: Building A Robust Web Tagger with Neural Network**
Ji Ma, Yue Zhang and Jingbo Zhu
Annual Meeting of the Association for Computational Linguistics (ACL, 2014)
- **Punctuation Processing for Projective Dependency Parsing**
Ji Ma, Yue Zhang and Jingbo Zhu
Annual Meeting of the Association for Computational Linguistics (ACL, 2014), short paper.
- **Easy-First POS Tagging and Dependency Parsing with Beam Search**
Ji Ma, Jingbo Zhu, Tong Xiao and Nan Yang
Annual Meeting of the Association for Computational Linguistics (ACL, 2013), short paper
- **Easy-First Chinese POS Tagging and Dependency Parsing**
Ji Ma, Tong Xiao, Jingbo Zhu, and Feiliang Ren
International Conference on Computational Linguistics (COLING 2012)

Honors and Awards

National Scholarship, 2013

Professional Service

Secondary Reviewer for: EACL (2013), IWPT (2013), ACL(2014).