

Bowei Zou

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Education

Sep. 2011 - Dec. 2015: **Ph.D.**, School of Computer Science and Technology, Soochow University, supervised by Professor Qiaoming Zhu and Guodong Zhou.

Sep. 2007 - Jul. 2009: **Master**, School of Computer Science and Technology, Harbin Institute of Technology, supervised by Professor Yu Zhang and Ting Liu.

Sep. 2003 - Jul. 2007: **Bachelor**, School of Computer Science and Technology, Harbin Institute of Technology, mentored by Yu Hong, supervised by Professor Yu Zhang.

Work Experience

Jan. 2016 - present: Post-doctor, School of Computer Science and Technology, Soochow University. Doing research on NLP.

Jul. 2009 - Aug. 2011: Software Engineer, Search-Advertising Department, Tencent. Developed the advertising optimization toolkits of Tencent Adwords system.

Research Interest

NLP: Information Extraction, Extra-proposition Analysis

Machine Learning, Deep Learning

Selected Publications

1. **Bowei Zou**, Zengzhuang Xu, Yu Hong, Guodong Zhou. 2018. Adversarial feature adaptation for cross-lingual relation classification. In *Proceedings of the 27th International Conference on Computational Linguistics (COLING-2018)*, pp. 437–448. Santa Fe, New Mexico, USA, Aug. 20-26, 2018.
2. Yu Hong, Yang Xu, Huibin Ruan, **Bowei Zou**, Jianmin Yao, Guodong Zhou. 2018. Incorporating image matching into knowledge acquisition for event-oriented relation recognition. In *Proceedings of the 27th International Conference on Computational Linguistics (COLING-2018)*, pp. 177–189. Santa Fe, New Mexico, USA, Aug. 20-26, 2018.
3. Zengzhuang Xu, Rui Song, **Bowei Zou**, Yu Hong. 2017. Unsupervised Slot Filler Refinement via Entity Community Construction. In *Proceedings of the 6th CCF Conference on Natural Language Processing and Chinese Computing (NLPCC-2017)*, pp. 642–651. Dalian, China, Nov. 8-12, 2017.
4. **Bowei Zou**, Qiaoming Zhu, Guodong Zhou. 2016. Research on natural language text oriented negation and uncertainty extraction. *Frontiers of Computer Science*, 10(6):1039–1051.

5. **Boweï Zou**, Qiaoming Zhu, Guodong Zhou. 2015. Negation and speculation identification in Chinese language. In *Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics and the 7th International Joint Conference on Natural Language Processing (ACL-2015)*, pp. 656–665. Beijing, China, Jul. 26–31, 2015.
6. **Boweï Zou**, Qiaoming Zhu, Guodong Zhou. 2015. Unsupervised negation focus identification with word-topic graph model. In *Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing (EMNLP-2015)*, short, pp. 1632–1636. Lisbon, Portugal, Sep. 17–21, 2015.
7. **Boweï Zou**, Qiaoming Zhu, Guodong Zhou. 2014. Negation focus identification with contextual discourse information. In *Proceedings of the 52nd Annual Meeting of the Association for Computational Linguistics (ACL-2014)*, pp. 522–530. Baltimore, Maryland, USA, Jun. 23–25, 2014.
8. **Boweï Zou**, Guodong Zhou, Qiaoming Zhu. 2014. Negation and speculation target identification. In *Proceedings of the 3th CCF Conference on Natural Language Processing and Chinese Computing (NLPCC-2014)*, pp. 34–45. Shenzhen, China, Dec. 5–9, 2014.
9. **Boweï Zou**, Guodong Zhou, Qiaoming Zhu. 2013. Tree kernel-based negation and speculation scope detection with structured syntactic parse features. In *Proceedings of the 2013 Conference on Empirical Methods in Natural Language Processing (EMNLP-2013)*, pp. 968–976. Seattle, Washington, USA, Oct. 18–21, 2013.

Projects as Principal Investigator (PI)

1. Jan. 2018 - Dec. 2020: a three-year research project on event veridicality computation, funded by the National Natural Science Foundation of China (240,000 RMB)

Some Hard Works

1. Jun. 2014 - Sep. 2014: organized about 12 annotators and annotated the negation and speculation instances of 16,841 Chinese sentences, called Chinese Negation and Speculation Corpus (CNeSp), available. Please refer to the ACL-2015 paper (#5).
2. Sep. 2013 - Jan. 2014: organized about 5 annotators and annotated the negation and speculation targets information of 4,346 English sentences on the BioScope corpus. Please refer to the NLPCC-2014 paper (#8).