Shudong Hao

CONTACT INFORMATION

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EDUCATION

University of Colorado Boulder, Boulder, CO
PhD, Computer Science, *on going*
Advisor: Prof. Jordan Boyd-Graber

Beijing Forestry University, Beijing, China
B.Eng., Computer Science and Technology, 2015

RESEARCH

Machine Learning and Natural Language Processing

ACADEMIC SERVICE

Reviewer for Journal Articles
- Journal: Natural Language Engineering
- Impact Factor: 0.639 (Thomson Reuters 2014 Citation Reports)
- Publisher: Cambridge University Press, UK

Feature Editor
- XRDS: Crossroads, The ACM Magazine for Students
- Publisher: Association for Computing Machinery

ACADEMIC EXPERIENCE

Research Assistant, University of Colorado Boulder
- Project: Multilingual Interactive Topic Models
- Advisor: Prof. Jordan Boyd-Graber

Teaching Assistant, Beijing Forestry University
- Course: Discrete Mathematics (Fall 2014)
- Instructor: Prof. Jianxin Wang

Teaching Assistant, Beijing Forestry University
- Course: C Programming Language (Fall 2014, Fall 2013)
- Instructor: Prof. Chunling Wang

Research Assistant, Team Leader, Artificial Intelligence Laboratory
- Chinese Academy of Sciences, Beijing Forestry University
- Research Field: Natural Language Processing and Machine Learning
- Research Application: Automated Chinese Essay Scoring (ACES)
- Advisors: Prof. Dengfeng Ke and Prof. Yanyan Xu

PUBLICATIONS

[1] **Shudong Hao**, Yanyan Xu, Dengfeng Ke, Kaile Su, and Hengli Peng. SCESS: A WFSA-based Automated Simplified Chinese Essay Scoring System with Incremental Latent Semantic Analysis. *Natural Language Engineering*, Cambridge University Press, UK, to appear.

[2] **Shudong Hao**, Yanyan Xu, Hengli Peng, Kaile Su, and Dengfeng Ke. Automated Chinese Essay Scoring From Topic Perspective Using Regularized Latent Semantic Indexing. In *Proceedings of International Conference on Pattern Recognition 2014* (ICPR 2014), pp.3092–3097. Stockholm, Sweden.

[3] **Shudong Hao**, Zongtian Gao, Mingqing Zhang, Yanyan Xu, Hengli Peng, Kaile Su, and Dengfeng Ke. Automated Error Detection and Correction of Chinese Characters in Written Essays Based on Weighted Finite-State Transducer. In *Proceedings of International Conference on Document Analysis and Recognition 2013* (ICDAR 2013), pp.763–767. Washington, DC, USA.

[4] Mingqing Zhang, **Shudong Hao**, Yanyan Xu, Dengfeng Ke, and Hengli Peng. Automated Essay Scoring Using Incremental Latent Semantic Analysis. *Journal of Software*, 2014, 9(2): 429–436.

[5] Dongmei Li, Youfang Lin, Houkuan Huang, **Shudong Hao**, and Jianxin Wang. Dempster-Shafer Inconsistency Values. *Chinese Journal of Electronics*, 2014, 23(2): 227–231.

AWARDS

- Dean's Graduate Assistantship. University of Colorado Boulder. 2015.
- Outstanding Undergraduate Graduation Thesis (top 3%). Beijing Forestry University. 2015.
- National Scholarship (top 1%). The Ministry of Education of China. Academic year 2012–2013.
- Special Scholarship for Freshmen (top 1%). Beijing Forestry University. Academic year 2011–2012.