

YUE ZHANG

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EDUCATION

DPhil Computer Science (expected) University of Oxford, UK Oct. 2006 – present
ORS and Clarendon Fund for DPhil research.

Thesis title: Discriminative machine-learning approaches to the analysis of the Chinese language.

MSc Computer Science (distinction) University of Oxford, UK Oct. 2005 – Sep. 2006
The best overall performance award and the Richard Bird prize for the best thesis.

A⁺ for all 7 subjects, including AI, NLP, IR, OO/AO design, functional programming and Z.

Thesis title: Chinese-English statistical machine translation by parsing.

BEng Computer Science (distinction) Tsinghua University, China Sep. 1999 – Jul. 2003
Scholarships from Lenovo, Nortel Networks and Tsinghua University.

GPA 3.77/4.0, 2nd in class; total credits 1st in class.

Thesis title: An implementation of MPICH upon VIA user level communication.

WORK EXPERIENCE

Systems programmer Abling Group Ltd. Jul. 2003 – Sep. 2005

Design and development of Abling Messaging: web server, XML HTTP protocol, and desktop client.

Extreme programming; writing over 70,000 lines of code in mainly Python and C++.

PUBLICATIONS

Yue Zhang and Stephen Clark. 2009. Transition-based parsing of the Chinese Treebank using a global discriminative model. In *proceedings of IWPT*. Paris, France. October.

Yue Zhang and Stephen Clark. 2008. A Tale of Two Parsers: investigating and combining graph-based and transition-based dependency parsing using beam-search. In *proceedings of EMNLP*. Hawaii, USA. October.

Yue Zhang and Stephen Clark. 2008. Joint word segmentation and POS-tagging using a single perceptron. In *proceedings of ACL*. Ohio, USA. June.

Yue Zhang and Stephen Clark. 2007. Chinese segmentation using a word-based perceptron algorithm. In *proceedings of ACL*. Prague, Czech republic. July.

SKILLS AND INTERESTS

Machine learning, algorithms.

Computational linguistics: word segmentation, parts-of-speech, parsing, machine-translation.

C++, Python, Java; SQL; Linux, MSW.

ACADEMIC ACTIVITIES

2009. Participant of the Johns Hopkins University NLP Workshop (on the project Parsing the Web).

2009. Reviewer for the International Journal of Artificial Intelligence.

2009. Reviewer for the Empirical Methods for Natural Language Processing (EMNLP) conference.

2009. Invited talk to the NLP group seminar, Cambridge University on dependency parsing.

2009. Reviewer for the Association of Computational Linguistics (ACL) main conference.

2008. Invited talk to the School of Informatics (ICCS), University of Edinburgh on dependency parsing.

2008. Consultancy for Sharp Research Europe Ltd. on word segmentation.

2008. Reviewer for the Association of Computational Linguistics (ACL) main conference.

2008. Reviewer and session chair for the Computational Linguistics UK (CLUK) colloquium.

2008. Hilary term. Class tutor for the Advanced Topics in Natural Language Processing class.

2006 and 2007. Michaelmas terms. TA marking for the Introduction to Specification class.

SELECTED HONORS

1999. Beijing scientific youth prize.