Jonathan K. Kummerfeld

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Education	PhD in Computer Science (in progress) University of California at Berkeley Advisor: Dan Klein Research focus: Error Analysis in NLP	2010–
	Bachelor of Science (Advanced) (Honours) Class I University of Sydney Advisor: James Curran Thesis: Adaptive Supertagging for Faster Parsing	2006–2009

Publications
NLP

Error-Driven Analysis of Challenges in Coreference Resolution
J. K. Kummerfeld and D. Klein
Empirical Methods in Natural Language Processing, EMNLP 2013

An Empirical Examination of Challenges in Chinese Parsing
J. K. Kummerfeld, D. Tse, J. R. Curran, and D. Klein
Association for Computational Linguistics, ACL (short) 2013

Parser Showdown at the Wall Street Corral: An Empirical Investigation of Error Types in Parser Output
J. K. Kummerfeld, D. Hall, J. R. Curran, and D. Klein
Empirical Methods in Natural Language Processing, EMNLP 2012

Robust Conversion of CCG Derivations to Phrase Structure Trees
J. K. Kummerfeld, D. Klein and J. R. Curran
Association for Computational Linguistics, ACL (short) 2012

Mention Detection: Heuristics for the OntoNotes annotations
J. K. Kummerfeld, M. Bansal, D. Burkett, and D. Klein
Conference on Natural Language Learning, CoNLL 2011

Faster Parsing by Supertagger Adaptation
J. K. Kummerfeld, J. Rosener, T. Dawborn, J. Haggerty, J. Curran, and S. Clarke
Association for Computational Linguistics, ACL 2010

Classification of Verb Particle Constructions with the Google Web1T Corpus
J. K. Kummerfeld and J. R. Curran
Australasian Language Technology Association, ALTA 2008

Other

Spatiotemporal Hierarchy of Relaxation Events, Dynamical Heterogeneities, and Structural Reorganization in a Supercooled Liquid
R. Candelier, A. Widmer-Cooper, J. K. Kummerfeld, O. Dauchot, G. Biroli, P. Harrowell, and D. R Reichman
Physical Review Letters, PRL 2010

The Densest Packing of AB Binary Hard-Sphere Homogeneous Compounds across all Size Ratios
J. K. Kummerfeld, T. S. Hudson, and P. Harrowell
The Journal of Physical Chemistry B, JPC 2008

Employment	**Software Engineer – Intern, Google Research** Mountain View Office, Natural Language Processing team, May - August 2012 **Software Engineer – Intern, Google** Sydney Office, Infrastructure team, December 2007 - February 2008 **Research Assistant, University of Sydney** School of Chemistry, 2009 School of Letters, Art and Media, 2008, 2009 School of Information Technologies, 2010 School of Physics, 2010

Awards and Honors (selected)

Char's Special Award For services to the EECS department during student admissions	2013
Outstanding Graduate Student Instructor Award University wide award in recognition of exceptional achievements as a teacher	2011
General Sir John Monash Award "Australia's most prestigious postgraduate scholarships"	2009
University Medal in Computer Science For outstanding results, awarded at the discretion of the university senate	2009
Helen Beh Award for Citizenship For contributions to non-academic activities	2007
Sydney University Merit Scholarship For academic results, leadership, creativity, self-motivation, and communication skills.	2006–2009

Teaching

Teaching Assistant for CS188: Artificial Intelligence
University of California at Berkeley, Fall 2011
Prepared assignments, exams and sections, graded exams, held sections and office hours.

Teaching Assistant for INFO1903: Informatics (Advanced)
University of Sydney, Semester One 2009
Held sections and graded assignments.

Tutor for the National Computer Science School
University of Sydney, 2007, 2008, 2010
Led a group of high school students, who learnt python and built a search engine.

Tutor for the Australian Informatics Olympiad
Held at various Australian Universities, 2007, 2008, 2009, 2010
Gave lectures, prepared exams, prepared labs (involvement varied across years).

Mentor for SOFT1901: Software Development 1 (Advanced)
University of Sydney, Semester One 2007
Ran programming competition, assisted in sections.

Leadership Positions (selected)

President, Berkeley Computer Science Graduate Student Association, 2012–2013
President, Sydney University Information Technologies Society, 2008
President, Sydney University Jazz Society, 2008