Jonathan K. Kummerfeld

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

Publications
NLP

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

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