

## Jonathan K. Kummerfeld

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Degrees	PhD in Computer Science (in progress) 2010– University of California, Berkeley Adviser: Dan Klein
	Bachelor of Science (Advanced) (Honours) Class I with University Medal 2006–2009 University of Sydney Adviser: James Curran
Publications NLP (selected)	<b>Error-Driven Analysis of Challenges in Coreference Resolution</b> J. K. Kummerfeld and D. Klein <i>Empirical Methods in Natural Language Processing</i> , EMNLP 2013
	<b>An Empirical Examination of Challenges in Chinese Parsing</b> J. K. Kummerfeld, D. Tse, J. R. Curran, and D. Klein <i>Association for Computational Linguistics</i> , ACL (short) 2013
	<b>Parser Showdown at the Wall Street Corral: An Empirical Investigation of Error Types in Parser Output</b> J. K. Kummerfeld, D. Hall, J. R. Curran, and D. Klein <i>Empirical Methods in Natural Language Processing</i> , EMNLP 2012
	<b>Robust Conversion of CCG Derivations to Phrase Structure Trees</b> J. K. Kummerfeld, D. Klein, and J. R. Curran <i>Association for Computational Linguistics</i> , ACL (short) 2012
	<b>Mention Detection: Heuristics for the OntoNotes annotations</b> J. K. Kummerfeld, M. Bansal, D. Burkett, and D. Klein <i>Conference on Natural Language Learning</i> , CoNLL 2011
	<b>Faster Parsing by Supertagger Adaptation</b> J. K. Kummerfeld, J. Rosener, T. Dawborn, J. Haggerty, J. Curran, and S. Clarke <i>Association for Computational Linguistics</i> , ACL 2010
	<b>Classification of Verb Particle Constructions with the Google Web1T Corpus</b> J. K. Kummerfeld and J. R. Curran <i>Australasian Language Technology Association</i> , ALTA 2008
Other	<b>High-velocity Clouds in the Galactic All Sky Survey. I. Catalog</b> V. A. Moss, N. M. McClure-Griffiths, T. Murphy, D. J. Pisano, J. K. Kummerfeld, and J. R. Curran <i>The Astrophysical Journal Supplement Series</i> , ApJS 2013
	<b>Spatiotemporal Hierarchy of Relaxation Events, Dynamical Heterogeneities, and Structural Reorganization in a Supercooled Liquid</b> R. Candelier, A. Widmer-Cooper, J. K. Kummerfeld, O. Dauchot, G. Biroli, P. Harrowell, and D. R. Reichman <i>Physical Review Letters</i> , PRL 2010
	<b>The Densest Packing of AB Binary Hard-Sphere Homogeneous Compounds across all Size Ratios</b> J. K. Kummerfeld, T. S. Hudson, and P. Harrowell <i>The Journal of Physical Chemistry B</i> , JPC 2008

<b>Employment</b>	<b>Consultant, WriteTrack</b> Technical adviser for product development, March 2014 - Present	
	<b>Consultant, Techbridge</b> Development of the High School CS Curriculum, September 2013 - May 2014	
	<b>Software Engineer – Intern, Google Research</b> Mountain View Office, Natural Language Processing team, May - August 2012	
	<b>Software Engineer – Intern, Google</b> Sydney Office, Infrastructure team, December 2007 - February 2008	
	<b>Research Assistant, University of Sydney</b> School of Information Technologies (2010), School of Physics (2010), School of Chemistry (2009), School of Letters, Art and Media (2008, 2009)	
<b>Awards and Honors (selected)</b>	<b>Chair’s Special Award</b> For services to the EECS department during student admissions (\$500)	2013
	<b>Outstanding Graduate Student Instructor Award</b> University wide award in recognition of exceptional achievements as a teacher (\$250)	2011
	<b>General Sir John Monash Award</b> “Australia’s most prestigious postgraduate scholarships” (\$50k / year for three years)	2010 - 2013
	<b>University Medal in Computer Science</b> For outstanding results, awarded at the discretion of the university senate	2009
	<b>University of Sydney Academic Merit Prize</b> Recognises the highest performing undergraduate students in each faculty (\$1,000)	2008
	<b>Helen Beh Award for Citizenship</b> For contributions to non-academic activities (\$350)	2007
	<b>Sydney University Merit Scholarship</b> For academic results, leadership, and communication skills (\$6,000 / year for four years)	2006–2009
<b>Teaching (selected)</b>	<b>Co-Instructor for CS188: Artificial Intelligence</b> , Summer 2014 UC Berkeley, organised the class, gave lectures, held office hours, and prepared exams.	
	<b>Teaching Assistant for CS188: Artificial Intelligence</b> , Fall 2011 UC Berkeley, held sections and office hours, prepared assignments, exams and sections.	
	<b>Teaching Assistant for INFO1903: Informatics (Advanced)</b> , Semester 1 2009 U Sydney, Semester 1 2009, held sections and graded assignments.	
	<b>Instructor for the Australian Informatics Olympiad</b> , 2007–2010 ANU, gave lectures, prepared exams, prepared labs.	
	<b>Mentor for the National Computer Science School</b> , 2007, 2008, 2010 U Sydney, led 16 high school students, who learnt python and built a search engine.	
<b>Leadership Positions (selected)</b>	President, Berkeley Computer Science Graduate Student Association, 2012–2013 President, Sydney University Information Technologies Society, 2008 President, Sydney University Jazz Society, 2008	