

John DeNero

CONTACT INFORMATION	781 Soda Hall UC Berkeley Berkeley, CA 94720	<i>Phone:</i> (415) 203-1943 <i>Email:</i> denero@berkeley.edu <i>Web:</i> http://www.denero.org
POSITIONS	Associate Teaching Professor, UC Berkeley, in Computer Science	<i>2014-present</i>
	Chief Scientist, Lilt	<i>2015-present</i>
	Senior Research Scientist, Google Inc., in Google Translate	<i>2010-2014</i>
EDUCATION	University of California, Berkeley Ph.D., Computer Science <i>Advisor:</i> Dan Klein	<i>2005-2010</i>
	Stanford University Master of Arts, Philosophy	<i>2001-2002</i>
	Bachelor of Science, with distinction <i>Major:</i> Mathematical and Computational Science <i>Secondary Major:</i> Symbolic Systems	<i>1998-2002</i>
AWARDS	Distinguished Teaching Award, UC Berkeley	<i>2018</i>
	Giancarlo Teaching Fellow, College of Engineering	<i>2017</i>
	Jim and Donna Gray Award for Excellence in Undergraduate Teaching, EECS Department	<i>2017</i>
	Diane McEntyre Award for Excellence in Teaching, EECS Department	<i>2016</i>
	Award for Excellence in Promoting Women in Undergraduate Computing, Honorable Mention, NCWIT	<i>2016</i>
	Outstanding Faculty of the Year Award, Tau Beta Pi	<i>2015</i>
LEADERSHIP	Faculty Director for Data Science Undergraduate Studies	<i>2023-present</i>
	Associate Dean for Undergraduate Studies in Computing, Data Science, and Society	<i>2021-2023</i>
	Vice Chair for Undergraduate Matters in Computer Science	<i>2017-2021</i>
SELECTED PUBLICATIONS	Jessy Lin, Geza Kovacs, Aditya Shastry, Joern Wuebker, and John DeNero. “Automatic Correction of Human Translations,” in <i>Proceedings of the North American Association of Computational Linguistics</i> , 2022. Best paper award.	
	Samee Ibrahim, Gaoyue Zhou, and John DeNero, “Putting the Con in Context: Identifying Deceptive Actors in the Game of Mafia,” in <i>Proceedings of the North American Association of Computational Linguistics</i> , 2022.	
	Thomas Zenkel, Joern Wuebker, and John DeNero, “Automatic Bilingual Markup Transfer,” in <i>Findings of EMNLP</i> , 2021.	

- Thomas Zenkel, Joern Wuebker, and John DeNero, “End-to-end neural word alignment outperforms GIZA++,” in *Proceedings of the Association for Computational Linguistics*, 2020.
- Patrick Simianer, Joern Wuebker, and John DeNero, “Measuring Immediate Adaptation Performance for Neural Machine Translation,” in *Proceedings of the North American Association of Computational Linguistics*, 2019.
- Joern Wuebker, Patrick Simianer, and John DeNero, “Compact Personalized Models for Neural Machine Translation,” in *Proceedings of Empirical Methods in Natural Language Processing*, 2018.
- Ani Adhikari, John DeNero, and David Wagner. *Computational and Inferential Thinking*. Online textbook, <http://www.inferentialthinking.com>, 2016.
- Joern Wuebker, Spence Green, John DeNero, Sasa Hasa, and Thang Luong. “Models and Inference for Prefix-Constrained Machine Translation,” in *Proceedings of the Association of Computational Linguistics*, 2016.
- Joern Wuebker, Spence Green, and John DeNero. “Hierarchical Incremental Adaptation for Statistical Machine Translation,” in *Proceedings of Empirical Methods in Natural Language Processing*, 2015.
- Rohan Chitnis and John DeNero. “Variable-Length Word Encodings for Neural Translation Models,” in *Proceedings of Empirical Methods in Natural Language Processing*, 2015.
- John DeNero. *Composing Programs*. Online textbook, <http://www.composingprograms.com>, 2013.
- Karl Pichotta and John DeNero. “Identifying Phrasal Verbs Using Many Bilingual Corpora,” in *Proceedings of the Conference on Empirical Methods in Natural Language Processing*, 2013.
- Greg Durrett and John DeNero. “Supervised Learning of Complete Morphological Paradigms,” in *Proceedings of the North American Association of Computational Linguistics*, 2013.
- David Golland, John DeNero, and Jakob Uszkoreit. “A Feature-Rich Constituent Context Model for Grammar Induction,” in *Proceedings of the Association of Computational Linguistics*, 2012.
- Spence Green and John DeNero. “A Class-Based Agreement Model for Generating Accurately Inflected Translations,” in *Proceedings of the Association of Computational Linguistics*, 2012.
- Mohit Bansal, John DeNero, and Dekang Lin. “Unsupervised Translation Sense Clustering,” in *Proceedings of the North American Association of Computational Linguistics*, 2012.
- John DeNero and Jakob Uszkoreit. “Inducing Sentence Structure from Parallel Corpora for Reordering,” in *Proceedings of the Conference on Empirical Methods in Natural Language Processing*, 2011.
- John DeNero and Klaus Machery. “Model-Based Aligner Combination Using Dual Decomposition,” in *Proceedings of the Association of Computational Linguistics*, 2011.
- John DeNero and Dan Klein. “Discriminative Modeling of Extraction Sets for Machine Translation,” in *Proceedings of the Association of Computational Linguistics*, 2010.
- John DeNero, Shankar Kumar, Ciprian Chelba, and Franz Och. “Model Combination for Machine Translation,” in *Proceedings of the North American Association of Computational Linguistics*, 2010.
- Taylor Berg-Kirkpatrick, Alexandre Bouchard-Côté, John DeNero, and Dan Klein. “Painless Unsupervised Learning with Features,” in *Proceedings of the North American Association of Computational Linguistics*, 2010.