

## Kai Hong

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CONTACT INFORMATION	Google New York 76 9th Avenue New York, NY, 10011	+1(215)350-9875 kaihong@google.com
EMPLOYMENT INFORMATION	Software Engineer, <i>Google</i> , New York, USA, November 2015 – Now.  Research Intern, <i>Microsoft Research Silicon Valley</i> , Mountain View, USA, June 2013 – August 2013. Mentors: Dilek Hakkani-Tur, Ye-Yi Wang, Pengjun Pei.  Research Intern, <i>Microsoft Research Asia</i> , Beijing, China, April 2010 – February 2011. Mentors: Eric Chang, Yan Xu.	
RESEARCH INTERESTS	I am interested in natural language processing (NLP), machine learning and information retrieval. My dissertation focuses on automatic summarization. I am also interested in applying NLP into medical applications.	
EDUCATION	<b>University of Pennsylvania, Philadelphia, PA, USA</b> Ph.D. in Computer and Information Science, Oct. 2015 <ul style="list-style-type: none"><li>• Dissertation: Content Selection in Multi-document Summarization</li><li>• Thesis Advisors: Ani Nenkova and Mitchell Marcus</li></ul> M.S.E in Computer and Information Science, May 2013  <b>Tsinghua University, Beijing, China</b> B.E. in Computer Science and Technology, July 2011 <ul style="list-style-type: none"><li>• Tsinghua Xuetaang Special Pilot CS Class (Yao Class)</li></ul>	
PUBLICATIONS	Kai Hong, <i>Content Selection in Multi-document Summarization</i> . PhD Dissertation, University of Pennsylvania, 2015.  Kai Hong, Mitchell Marcus, Ani Nenkova, <i>System Combination for Multi-document Summarization</i> , In Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP), 2015.  Kai Hong, Ani Nenkova, Mary E. March, Amber P. Parker, Ragini Verma, Christian G. Kohler, <i>Lexical Use in Emotional Autobiographical Narratives with Schizophrenia and Healthy Controls</i> , Psychiatry Research, 225(1-2):40-49, January 2015.  Kai Hong, Pengjun Pei, Ye-Yi Wang, Dilek Hakkani-Tur, <i>Entity Ranking for Descriptive Queries</i> , In Proceedings of IEEE Spoken Language Technology Workshop (SLT), 2014.  Kai Hong, John M. Conroy, Benoit Favre, Alex Kulesza, Hui Lin, Ani Nenkova, <i>A Repository of State of the Art and Competitive Baseline Summaries for Generic News Summarization</i> , In Proceedings of the Language Resources and Evaluation Conference (LREC), 2014.  Kai Hong, Ani Nenkova, <i>Improving the Estimation of Word Importance for News Multi-Document Summarization</i> , In Proceedings of the Conference of the European Chapter	

of the Association for Computational Linguistics (EACL), 2014.

Kai Hong, Christian G. Kohler, Mary E. March, Amber A. Parker, Ani Nenkova, *Lexical Differences in Autobiographical Narratives from Schizophrenic Patients and Healthy Controls*, In Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP), 2012.

Yan Xu, Kai Hong, Junichi Tsujii, Eric Chang, *Feature engineering combined with machine learning and rule-based methods for structured information extraction from narrative clinical discharge summaries*, Journal of the American Medical Informatics (JAMIA), 19(5):824-832, 2012.

#### TALKS

*Computational Linguistics Seminar*, University of Pennsylvania, USA (December 2014).

*Language Resources and Evaluation Conference (LREC)*, Reykjavik, Iceland (June 2014).

*Computational Linguistics Seminar*, University of Pennsylvania, USA (May 2014).

*Computational Linguistics Seminar*, University of Pennsylvania, USA (November 2013).

Microsoft Research Silicon Valley, Mountain View, USA (July 2013).

*Computational Linguistics Seminar*, University of Pennsylvania, USA (December 2012).

*Workshop on summarizing speaker's attitude/opinion in conversational speech*, Philadelphia, USA (October 2012).

*Conference on Empirical Methods in Natural Language Processing (EMNLP)*, Jeju, South Korea (July 2012).

#### POSTERS

Ani Nenkova, Kai Hong, Amber A. Parker, Mary March, Christian G. Kohler, *Lexical Differences in Schizophrenia and Healthy Subjects During Narration of Personal Emotional Experiences*, In Proceedings of the Society of Biological Psychiatry - 67th Annual Scientific Convention (SOBP), 2012.

#### PROFESSIONAL SERVICES

Program Committee Service:

RANLP 2013, ACL-SRW 2013, MASC 2015, ACL 2016, NAACL-HLT 2016, CCL 2016

Reviewer:

RANLP 2013, ACL-SRW 2013, MASC 2015, WWW 2015, ACL 2016, NAACL-HLT 2016, CCL 2016

Organizer:

Computational Linguistics Seminar, University of Pennsylvania, Aug 2012 - July 2013

#### TEACHING EXPERIENCE

Teaching Assistant, *Computational Linguistics (CIS 530)*, University of Pennsylvania, USA (Fall 2012, Fall 2013, Fall 2014).

#### AWARDS

Excellent undergraduate of Institute for Interdisciplinary Information Sciences (IIIS), Tsinghua University, 2011.

1st prize in National Olympiad in Informatics in Provinces (NOIP), Beijing, China, 2005, 2006.

RELEVANT  
SKILLS

Languages: Mandarin Chinese (native), English (fluent)

Programming Languages: Python, Java, c#, C, C++, Pascal, Visual Basic

Tools & Applications: Vim, Matlab, R, L<sup>A</sup>T<sub>E</sub>X, Eclipse, Visual Studio, Git, etc.