

Miaomiao Wen

CONTACT INFORMATION	GHC 5511 Language Technologies Institute Carnegie Mellon University Pittsburgh, PA 15213 USA	<i>Voice:</i> (412) 996-2962 <i>Fax:</i> (412) 268-6298 <i>E-mail:</i> mwen@cs.cmu.edu <i>WWW:</i> https://sites.google.com/site/wenmiaomiao98/
RESEARCH INTERESTS	My research interests lie primarily in natural language processing and data analysis.	
EDUCATION	Carnegie Mellon University , Pittsburgh, Pennsylvania USA Ph.D. Candidate, Language Technology, September, 2011 - Present <ul style="list-style-type: none">• Advisor: Carolyn Rose University of Tokyo , Tokyo, Japan M.S., Electrical Engineering, May, 2011 <ul style="list-style-type: none">• Advisor: Keikichi Hirose Peking University , Beijing, China B.A., Artificial Intelligence, May, 2009	
HONORS AND AWARDS	Research Fellowship, Carnegie Mellon University, 2011 Japanese Government Scholarship, University of Tokyo, 2009-2011 Excellent Masters Thesis, University of Tokyo, 2011 Beijing Outstanding Graduates, 2009 Presidents Undergraduate Research Fellowship, Peking University, 2007-2009	
SELECTED PUBLICATIONS	Miaomiao Wen, Diyi Yang and Carolyn Penstein Rose. Linguistic Reflections of Student Engagement in Massive Open Online Courses. ICWSM'14, 2014(Full Paper). Miaomiao Wen, Zeyu Zheng, Hyeju Jang, Guang Xiang, and Carolyn Penstein Rose. Extracting Events with Informal Temporal References in Personal Histories in Online Communities. ACL'13, 2013 (Oral Paper) Carolyn Rose, Ryan Carlson, Diyi Yang, Miaomiao Wen, Lauren Resnick, Pam Goldman, and Jennifer Sheerer. Social Factors that Contribute to Attrition in MOOCs, Learning at Scale conference, 2014) Miaomiao Wen and Carolyn Penstein Rose, Understanding Participant Behavior Trajectories in Online Health Support Groups Using Automatic Extraction Methods, the ACM Conference on Supporting Group Work (Group), 2012, (Oral Paper) Elijah Mayfield, Miaomiao Wen, Mitch Golant, and Carolyn Penstein Rose, Discovering Habits of Effective Online Support Group Chatrooms, the ACM Conference on Supporting Group Work (Group), 2012 Guang Xiang, Zeyu Zheng, Miaomiao Wen, Jason Hong, Carolyn Penstein Rose and Chao Liu. A Supervised Approach to Predict Company Acquisition with Factual and Topic Features Using Profiles and News Articles on TechCrunch. ICWSM'12, 2012.	

Miaomiao Wen, Yunfang Wu. Mining the Sentiment Expectation of Nouns Using Bootstrapping Method. In IJCNLP2011 (Oral Paper)

Yunfang Wu, Miaomiao Wen. Disambiguating Dynamic Sentiment Ambiguous Adjectives. In COLING2010. (Oral Paper)

Miaomiao Wen, Miaomiao Wang, Keikichi Hirose, Nobuaki Minematsu. Prosody Conversion for Emotional Mandarin Speech Synthesis Using the Tone Nucleus Model. In INTERSPEECH2011.

Miaomiao Wen, Miaomiao Wang, Keikichi Hirose, Nobuaki Minematsu. Improving Mandarin Segmental Duration Prediction with Automatically Extracted Syntactic Information. In INTERSPEECH2010. **(Best Student Paper Shortlist)**

Miaomiao Wang, Miaomiao Wen, Keikichi Hirose, Nobuaki Minematsu. A Method for Modeling and Generating Mandarin Tone Contour with Phrase Intonation Based on the Generation Process Model. To be appear in ISCSLP2010. **(Candidate for Best Student Paper Awards)**

PAPERS IN
SUBMISSION

Miaomiao Wen, Yi-Chia Wang, Robert Kraut, John M. Levine and Carolyn Rose. Understanding the Contextual Factors that Influence the Effect of Support on Commitment in Online Health Support Groups.

Diya Yang, Miaomiao Wen and Carolyn Rose. Linguistic Reflections of Student Engagement in Massive Open Online Courses.

RECENT RESEARCH
PROJECTS

Carnegie Mellon University, Language Technology Institute, supervised by Prof. Carolyn Rose
Research Fellow September, 2013 - present
I am investigating student motivation and engagement in Massive Open Online Courses (MOOCs).

Carnegie Mellon University, Language Technology Institute and Human-Computer Interaction Institute, supervised by Prof. Carolyn Rose and Prof. Robert Kraut
Research Intern September, 2011 - August, 2013
I worked on extracting users' cancer event dates from posts in online medical support communities. Based on the extracted cancer histories, I explored whether the impact of receiving support differs depending upon the source and timing of the support.

WORK EXPERIENCE

Microsoft Research in Cambridge, MA, supervised by Dr. Adam Tauman Kalai
Research intern June, 2014 - September, 2014
We will work on how to model humor in human conversations.

Microsoft Research Asia in Beijing, Text-to-Speech group, supervised by Dr. Frank Soong and Dr. Lijuan Wang
Research intern August, 2008 - December, 2008
Worked on bringing word emphasis to the Text-to-Speech system

COMPUTER SKILLS

- Statistical Packages: Stata.
- Languages: C++, Perl, Matlab.
- Applications: L^AT_EX, common Windows database, spreadsheet, and presentation software
- Operating Systems: Unix/Linux, Windows.