

Jing Ji

Curriculum Vitae

Dept. of Linguistics,
Institute for Advanced Computational Science
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Education

- 2018–2020 **MA, Computational Linguistics.**
Stony Brook University
- 2013–2016 **MA, Chinese Linguistics.**
Peking University
Advisors: Dan Deng and Songhao Liu
- 2009–2013 **BA, Teaching Chinese as a Foreign Language.**
Shandong University

Non Degree-Confering

- 2016 Technical Workshop of Psychological Linguistics, Peking University
- 2010 Summer Session Program, UCLA

Research Interests

Computational/Mathematical Linguistics, Syntax-Prosody Interface, Discourse Semantics

Publications and Conferences

Proceedings

- to appear **Jing Ji** Jeffrey Heinz. *Input Strictly Local Tree Transducers*. Proceedings of the 14th International Conference on Language and Automata Theory and Applications, Milan, Italy.
- 2016 **Jing Ji**. *Relative Contributions of Vowels and Consonants in Recognizing Neutral-tone Mandarin Words*. Proceedings of the 12th Phonetic Conference of China, Tongliao, Inner Mongolia.
- 2014 **Jing Ji**. *Multi-dimensional Study of the Quantifiers in the Construction "VP+QM+NP"*. Proceedings of the 6th Postgraduate Forum for Teaching Chinese as a Foreign Language, Peking University, Beijing.

Patents

- 2018 **Jing Ji**. *A Prosodic and Semantic Analysis for Speech Synthesis in Task-oriented Dialogue*.
- 2017 **Jing Ji**. *A Hierarchical System of Discourse Analysis for Chatbot*.
- 2017 **Jing Ji**. *An Approach to Dialogue Act Analysis in Task-oriented Intelligent Chinese Dialogue*.

Conference Talks

- 2020, Mar **Jing Ji** Jeffrey Heinz. *Input Strictly Local Tree Transducers*. The 14th International Conference on Language and Automata Theory and Applications, Milan, Italy.
- 2020, Apr **Jing Ji**. *Formation of Reduplicative Polysyllabic Onomatopoeia in Mandarin*. NACCL-32. University of Connecticut.
- 2017, May **Jing Ji**. *Timbre of Vowels and Consonants and Relative Contributions in Recognizing Neutral-tone Mandarin Words*. 62nd Annual Conference of the International Linguistic Association. City University of Hong Kong, Hong Kong.
- 2015, Jul **Jing Ji**. *Comparative Study of Syntax and Pragmatics of Chinese Synonym "Wulun" and "Bulun"*. The 13th BCLTS International Conference on Teaching and Learning Chinese in Higher Education, Oxford University.
- 2014, May **Jing Ji**. *Multi-dimensional Study of the Quantifiers in the Construction "VPt+QM+NP"*. The 6th Postgraduate Forum for Teaching Chinese as a Foreign Language, Peking University, Beijing.

Conference Posters

- 2020, Jan Grace B. Wivell, Veronica Miatto, **Jing Ji**, Ayla KarakaÅ\$, Kalina Kostyszyn, Lori Repetti. *All about ablaut: a typology of reduplicative vowel change*. LSA 2020 Annual Meeting, New Orleans.
- 2016, May **Jing Ji**. *Relative Contributions of Vowels and Consonants in Recognizing Neutral-tone Mandarin Words*. The 12th Phonetic Conference of China, Tongliao, Inner Mongolia.

Research Experience

Research Positions

- Summer 2019 Research Assistant to Jeffrey Heinz
SBU Computational Linguistics Lab
- 2016 - 2018 Research Assistant
NLU Group, Research Department of Lingban Technology, Beijing
- 2015 - 2016 Research Assistant to Dan Deng, under National Social Science Fund
"The Interaction between Prosody and Syntax from the Perspective of Neutral-tone"
Department of Chinese as a Second Language, Peking University

Research Program Grants

- 2012 **Jing Ji** *Aesthetic Appreciation of Chinese Haiku —A Case Study on Malmqvist's Composition*. Third Research Prize - Shandong University
- 2011 **Jing Ji** *Lexical Evolution of Xuzhou Dialects*. Winter Research Prize - Shandong University

Teaching Positions

- Tsinghua University Lecturer of Chinese Reading - Spring 2016

Peking University Lecturer of Intermediate Chinese - Fall 2014
CIEE Language Program Tutor - Summer 2014

Grants and Awards

- 2014 Excellent Paper in the 6th Postgraduate Forum for Teaching Chinese as a Foreign Language - Beijing
- 2014 Outstanding Ambassador of Cultural Exchange in Stanford Program - Peking University
- 2014 Excellent Graduation Thesis - Education Department of Shandong Province
- 2012 National Scholarship

Soft Skills

Languages

Native **Chinese**
Advanced **English**
Beginner **French, Japanese**

Technical Skills

Computational Skills **L^AT_EX; Python(used in NLP), R, Haskell(used in computational semantics), SPSS, Praat(used in my research)**
Experimental Methods ERP, fMRI, Eye Tracking
Computational Models word tokenization, tree parsing (dependency, graph-based), finite-state tree automata, neural network model using TensorFlow

Leadership and Teamwork

- 2013 volunteer of AIESEC cultural exchange program in Cambodia
- 2013 organizer of Language Pal program in Peking University
- 2014 ambassador of Stanford-Peking cultural exchange program