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Professional

- 2017 - Senior Machine Learning Engineer, **APPLE INC.**, Cupertino, CA
- Deliver premium and neural Siri voices on Apple products since iOS 11.
- 2014 - 2017 Computational Linguist & Application Developer, **VOICEBOX TECHNOLOGIES**, Bellevue, WA
- Released S Voice personal assistant for Samsung flagship smartphones Galaxy S6 and S7.
 - Established and maintained CI/CD framework for natural language evaluation and improvement.
 - Worked on Chinese specific NLU issues about word segmentation and Pinyin normalization.
- 2013 Research Assistant, **UNIVERSITY OF WASHINGTON**, Seattle, WA
- Participated in TransPHorm: Translation of Public Health Information for a Diverse Public.
 - Analyzed Chinese machine translation errors and their categorizations for annotation guidelines.
 - Managed crowdsourcing tasks for translation error annotations via Amazon Mechanical Turk.
- 2011 - 2012 Visiting Student, **CHINESE ACADEMY OF SOCIAL SCIENCES**, Beijing, China
- Participated in Early Acquisition of Speech Prosody: A Comparative Study of Dutch and Chinese.
 - Attended speech development analysis meetings with a study focus on tone acquisition.
 - Implemented various Praat scripts to process speech data and ToBI labeling for children's speech.
- 2010 - 2011 Project Assistant, **SPEECHOCEAN**, Beijing, China
- Built Speechocean flagship speech synthesis corpus products for Chinese, Portuguese and Korean.
 - Conducted manual and automatic labeling for speech phoneme alignment and ToBI.

Education

DEGREE PROGRAMS

- 2020 - Master of Business Administration, **UNIVERSITY OF ILLINOIS**, Urbana-Champaign, IL
- 2012 - 2014 Master of Science in Computational Linguistics, **UNIVERSITY OF WASHINGTON**, Seattle, WA
- *Internship on Chinese Natural Language Understanding Issues on Conversational Interface*
- 2008 - 2012 Bachelor of Arts in Literature, **BEIJING LANGUAGE AND CULTURE UNIVERSITY**, Beijing, China
- *Acoustic and Perceptual Studies on Tones of Lower Yangtze Mandarin*

NON-DEGREE STUDIES

- 2020 Professional Certificate in Real Estate Development, **DE ANZA COLLEGE**, Cupertino, CA
- 2019 Coursera Specialization in [Machine Learning](#), **UNIVERSITY OF WASHINGTON**, Seattle, WA

Teaching

- 2012 Lecturer in Chinese, **BEIJING LANGUAGE AND CULTURE UNIVERSITY**, Beijing, China
- **CHIN 101**: Basic Comprehensive Chinese and **CHIN 111**: Basic Spoken Chinese
 - Taught to international students with a focus on Hanyu Pinyin and spoken Chinese.
- 2011 Teaching Assistant, **BEIJING LANGUAGE AND CULTURE UNIVERSITY**, Beijing, China
- Taught to international students for intensive training with a focus on spoken Chinese.

Languages

NATURAL

- Native Mandarin Chinese (cmn)
- Intermediate English (eng), Wu Chinese (wu) & Japanese (jpn)
- Basic Korean (kor), Vietnamese (vie), Russian (rus), Yue Chinese (yue) & Thai (tha)

COMPUTING

- Intermediate Python, Java, Kotlin, JavaScript, HTML & Praat
- Basic Go, Julia, D3.js & L^AT_EX