Jiaomei Zhou

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MA candidate, Applied Linguistics, Beijing Normal University

Education

Beijing Normal University, Beijing
M.A., Linguistics (Chinese Information Processing)   *2019 - 2022 (expected)*
GPA: 3.7/4
Relevant Coursework: Lexical Semantics; Advanced Mathematics; Natural Language Processing; Object-oriented Programming; Corpus and Language Study

Minzu University of China, Beijing
B.A., Teaching Chinese as a Foreign Language   *2015 - 2019*
GPA: 3.6/4
Relevant Coursework: Introduction to Linguistics; Experimental Phonetics; Ancient Chinese Phonology; Chinese Literature; Second Language Acquisition

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Research Interests

Computational Linguistics, Experimental Phonetics, Digital Humanities, Semantics, Second Language Acquisition

Publications

Jiaomei Zhou, Zhiying Liu, "Semantic Similarity of Inverse Morpheme Words Based on Word Embedding" to appear in *Proceedings of the 2021 Chinese Lexical Semantic Workshop* (CLSW), Nanjing, China.

Zhiying Liu, Lijiao Yang, **Jiaomei Zhou**, Lu Zhang, "Building Chinese Word Knowledge Base for Children's Leveled Reading" published in *Proceedings of the 2020 International Conference on Asian Language Processing (IALP)*, Kuala Lumpur, Malaysia.

Awards & Achievements

· First Prize in National College Students' Language Ability Competition, 2021
· The Second Prize Scholarship, Beijing Normal University, 2020
· Freshman scholarship, Beijing Normal University, 2019
· National Encouragement Scholarship, Minzu University of China, 2016

Research Projects

A Corpus for POS Tagging Standard of the State Language Commission
Supervisor: Prof. Lijiao Yang   *Sep. 2020 - Nov. 2020*

· Investigated POS tag sets used in Chinese and English
· Devised an annotation scheme to improve POS tagging quality and consistency
· Recruited 12 postgraduates with linguistics degrees, organized their training, and conducted quality audits of their work
· Built a standard Chinese corpus of over 1 million words with POS annotations
· Our results were a significant achievement of the Commission's key project, Revision of Modern Chinese POS Tagging Standard for CIP [NO. ZDI135-42]

Chinese Trunk Treebank Construction
Supervisor: Prof. Endong Xun   *Jul. 2019 - May 2020*

· Analyzed the syntactic structure of multi-domain discourse by using syntactic professional knowledge
· Built a syntactic treebank with approximately 1 million sentences and annotated chunks of text
· Research conducted at the Beijing Advanced Innovation Center for Language Resources, Beijing Language and Culture University, China

COURSE PROJECTS

Automatic Recognition of Chinese Grammar Points
Supervisor: Dr. Renfen Hu   *Sep. 2020 - Jan. 2021*

· Gathered a corpus containing grammar points such as degree complement, place adverbial, pivotal sentence, and double object sentence
· Used the pyltp Python library to collect data on the dependency parsing of sentences
· Formulated rules and implemented the automatic recognition of Chinese grammar points
· Course: Natural Language Processing

The Evaluation of Weibo Emotion Classification Technology, SMP2020-EWECT
Supervisor: Dr. Renfen Hu   *Mar. 2020 - Jul. 2020*

· Built models to recognize and classify the emotions of Weibo text into six categories
· Used the models to analyze the emotion classification of a general data set compared to a COVID-19 data set
· Compared the performance of our machine learning models and TextCNN model in each task, and found that the best model's accuracy could reach 84%
· Course: Object-oriented Programming

ACTIVITIES

· **Department of Natural Language Processing, Baidu Inc.** Intern, Jul. 2020 - Jul. 2021
· **Digital Humanities Workshop**, Peking University, Mar. 2021
· **Phonetics and Phonology Workshop**, Fudan University, Aug. 2017

LANGUAGES

· **Chinese (Mandarin)** – Native
· **Chinese (Hunanese)** – Native
· **English** – Fluent
· **Cuengh** – Fieldwork

TECHNICAL SKILLS

· Python, Praat, LaTeX, Microsoft Office Suite, Google Workspace

OTHER INTERESTS

· Guqin (a traditional Chinese instrument)
· Kun Opera