

Shufan Mao

University of Illinois at Urbana-Champaign , IL, United States, 61801

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Education

Beijing Institute of Technology

Beijing, China

Sep. 2011- Jun. 2015

University of California, Berkeley

- Study as a visiting student

Sep. 2014- May 2015

University of Illinois at Urbana-Champaign

- Phd Student in Mathematics
- Phd Student in Psychology

Sep. 2015- August 2019

Aug. 2019-

Bachelor of Science in Mathematics

Jun. 2015

Master of Science in Mathematics

Aug. 2018

Master of Science in Psychology

Jun. 2021

Invited Talks and Conference Poster Presentations

Poster Presentation: Compositional Generalization in a Graph-based Model of Distributional Semantics, at the 44th Annual Meeting of the Cognitive Science Society

July 2022/Toronto, Canada

Poster Presentation: Spatial vs. Graphical Representation of Distributional Semantics, at the 42nd Annual Meeting of the Cognitive Science Society

July 2020/Virtual

Publications

Mao, S., Huebener, P.A., Willits, J.A. Compositional Generalization in a Graph-based Model of Distributional Semantics. *Proceedings of the 44th Annual Conference of the Cognitive Science Society*. (pp. 1993-1999)

Mao, S., Huebener, P.A., Willits, J.A. (under review). Spatial vs. Graphical Representation of Distributional Semantic Knowledge.

Internships

PI4 Scientific Internship in Learning and Language Lab at UIUC

Instructor: Assistant Professor Jon Willits

- Programming simulation in project ‘Human’, simulation of a mini world and generate an artificial language basing on the world event
- Attending the 41st Annual Meeting of the Cognitive Science Society held in Montreal

Jun. 2019 – Aug. 2019/Champaign, IL

PI4 Scientific Internship in Language Acquisition Lab at UIUC

Instructor: Professor Cynthia Fisher

- Running behavioral studies, processing experiment data

Jun. 2017 – Aug. 2017/Champaign, IL

Teaching Experience

Math Teaching Assistant at UIUC

Courses participated as teaching assistant:

- Math115: Preparation for Calculus
- Math285/286: Differential Equations
- Math444: Elementary Real Analysis
- Math461: Probability Theory (undergraduate)
- Math489: Dynamics and Differential Equations
- Math561: Probability Theory I
- Math564: Stochastic Process

Psychology Teaching Assistant at UIUC

Courses participated as teaching assistant:

- Psyc224: Cognitive Psychology
- Bcog200: Introduction to Programming for Brain & Cognitive Science
- Psyc100: Intro Psych

Other Information

Programming and Software: Python, C, MATLAB

Language: Native in Chinese

Fluent in English

Basic in Japanese

Nationality: People’s Republic of China

Permanent Residency: People’s Republic of China
United States of America