Zhendong Liu

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Education

2022 – Present (expected 2027)	**University of Southern California** – Los Angeles, CA PhD in Linguistics
2020 – 2022	**University of Rochester** – Rochester, NY MS in Computational Linguistics Thesis: An economic approach for the collection of the Mandarin MegaAcceptability dataset
2016 – 2020	**University of Rochester** – Rochester, NY BS in Computer Science BA in Linguistics

Research interests

Theory of morpho-syntactic operations, Syntax of: Relative clause, Adverbial clause, Predication

Current manuscripts

2022	A unified operator movement analysis for Adverbial Clauses and Relative Clauses in Swahili **Liu, Zhendong**.

Research experience

09/2020 – 05/2022	**Research Assistant** at FACTS lab, University of Rochester Advisor: Aaron Steven White Implemented an Active Learning system to collect large-scale datasets economically and efficiently. Adapted methods from the Cross-linguistic Word Embedding Alignment problem to conduct a lexicon-scale cross-linguistic investigation of Clause Embedding.

09/2021 – 05/2022	**Research Assistant** at Field Syntax lab, University of Rochester Advisor: Asia Pietraszko Conducted Swahili language data collection and morpho-syntax research. Proposed a unified account for Swahili Relative clauses and Adverbial clauses
05/2021 – 08/2021	**Research intern** at Zhejiang lab, China Advisor: Hongyang Chen
09/2020 – 12/2020	**Guest Research Assistant** at BETTER lab, Johns Hopkins University Advisor: Aaron Steven White
01/2019 – 05/2019	**Research Assistant** at TRIPS lab, University of Rochester Advisor: Ritwik Bose

Teaching experience

Fall 2021	**Teaching Assistant** LING 225/425: Introduction to Semantic Analysis, University of Rochester Instructor: Scott Grimm
Spring 2020	**Teaching Assistant** CSC 242: Introduction to Artificial Intelligence, University of Rochester Instructor: George Ferguson
Fall 2019	**Teaching Assistant** CSC 173: Computation and Formal Systems, University of Rochester Instructor: George Ferguson
Spring 2019	**Teaching Assistant** CSC 173: Computation and Formal Systems, University of Rochester Instructor: George Ferguson

Honors and scholarships

2022	Provost's fellowship, University of Southern California
2016 – 2020	Dean's Scholarship, University of Rochester

Technical skills

Programming languages
Proficient in: Python, Java, C
Familiar with: Lisp

Software, Packages

LaTeX, Git, Office 365, PyTorch, Pandas, SciPy

Languages

Mandarin (native), English (proficient), Swahili (research)

Other interests

Advanced Cello playing

Classical chamber ensemble

Symphony Orchestra