Yishu Zhang

yz4638@columbia.edu

I am broadly interested in data science, corpus linguistics, computational linguistics, and their intersections. My work mainly relies on data-driven methodologies to inform theories.

EDUCATION

M.A. in Quantitative Methods in the Social Sciences, Data Science Focus   *Sept 2023 - Present*
Columbia University, New York, NY

B.A. in English, Linguistics Focus   *Sept 2019 - June 2023*
Fudan University, Shanghai, China

SKILLS

Computing: Python, C, SQL, R, STATA
Coursework: Modern Data Structures, Time Series Analysis, Machine Learning, Natural Language Processing
Languages: Mandarin Chinese, English, Spanish, Japanese

PROJECTS

***OASIS* Corpus**, Fudan University   *Oct 2022 - May 2023*
Undergraduate Researcher
- Created a cleaned corpus of *Open Accessible Summaries in Language Studies* and their corresponding academic abstracts
- Conducted a multi-dimensional contrastive study of the corpus advised by Wenjuan Qin and Yongyan Zheng

Fudan Development Institute Database, Fudan University   *Mar 2022 - May 2023*
Think Tank Assistant
- Summarized research articles of social sciences and humanities from English to Mandarin Chinese to update the Fudan Development Institute Database

***Nature Comment* Corpus**, Fudan University   *Mar 2022 - Nov 2022*
Undergraduate Research Assistant
- Built a tagged corpus of *Nature Comment* articles to train an automatic stage-move recognition model
- Conducted sentimental analyses on *Nature Comment* articles categorized by four disciplines

Network and Health of the Elderly in Shanghai Communities, Fudan University   *Sept 2021 - Apr 2022*
Undergraduate Research Assistant
- Supervised research interviewers to conduct effective interviews in Shanghai communities every week
- Entered and processed data collected by hand-written questionnaires and audio interview recordings using Epidata

Fudan Ping Pong WeChat Mini App   *Nov 2020 - June 2021*
- Co-initiated the project, decided its scope, and designed the user interface and display layout
- Realized functions including contest records, score management, athlete data analysis, etc., and won sixth place in National Huawei Cloud Smart Campus Application Innovation Competition

HONORS & AWARDS

Scholarship for Outstanding Students, Fudan University	*2020 - 2023*
October Outstanding Award, Fudan University	*2021*
Top 2% Prize, National Huawei Cloud Smart Campus Application Innovation Competition	*2021*
May Magnificent Award, Fudan University	*2020*