

Alex Ye

Graduate student

I enjoy studying brain and mind. My research focuses on the factors that contribute to how people generate event boundaries in naturalistic narratives.

Contact

xye13@ur.rochester.edu
(585) 910-6458
Rochester, NY

Education

PHD IN BRAIN AND COGNITIVE SCIENCES, UNIVERSITY OF ROCHESTER

2024-present

Supervisor: Dr. Coraline Jordan

M.A. IN PSYCHOLOGY, THE CHINESE UNIVERSITY OF HONG KONG

2021-2022

Thesis: "A Meta-Analysis on the N1 Print Tuning Effect in Early and Late N1 Time Window"

Supervisor: Dr. Urs Maurer

M.A. IN LINGUISTICS, THE CHINESE UNIVERSITY OF HONG KONG

2019-2020

B.A. IN ENGLISH, BEIJING SPORT UNIVERSITY

2015-2019

Thesis: "A Corpus-based Study on Gender Awareness in Sports News: Taking China Daily and The Guardian as Examples"

COMPUTATIONAL NEUROSCIENCE COURSE, Neuromatch Academy, 2022

DATA SCIENCE MATH SKILLS, Coursera, 2020

SUMMER EXCHANGE PROGRAM, The Chinese University of Hong Kong, 2018

Honors

UNIVERSITY SCHOLARSHIP, BEIJING SPORT UNIVERSITY, 2016-2019

Research Experience

RESEARCH ASSOCIATE, HONG KONG POLYTECHNIC UNIVERSITY

2022-2024

- Leading independent research project
- Designing experimental protocol
- Programing VR experiment
- Multimodal data collection and analysis (fMRI, EEG, eye-tracking, behaviour)
- Project coordination and lab management

STUDENT HELPER, THE CHINESE UNIVERSITY OF HONG KONG

2021-2022

- Data collection and analysis (EEG: Frequency Following Response)
- Research Assistant · Department of Chinese and Bilingual Studies · Hong Kong Polytechnic University (2021)
- Data collection and analysis (EEG: ERP analysis with cluster-based permutation test)
 - Literature review

RESEARCH ASSISTANT, THE CHINESE UNIVERSITY OF HONG KONG

2020

- Literature review
 - Experimental design
 - Phonological data analysis
- Student Helper · Brain and Mind Institute · The Chinese University of Hong Kong (2019-2020)
- Utterance coding and labelling with CLAN
 - Phonological segmentation with Praat

Working Experience

IELTS TEST LECTURER, BEIJING GEDU, CHINA

2020

- IELTS Listening test
- IELTS Writing test

K-12 ENGLISH TUTOR, BEIJING NEW DIMENSION ACADEMY, CHINA

2019

- Individual tutoring in English

CAMP COUNSELOR, YMCA FROST VALLEY, NEW YORK, USA

2017

- Maintenance team
- Athletic and personal mentorship to high schoolers

Skills

- Neuroimaging Experiment/Analysis (EEG/fMRI)
 - Data Analysis (Python/R/Matlab)
 - Virtual Reality (C#/Unity)
 - Machine/Deep Learning (Sklearn/PyTorch)
 - Website Building (HTML/CSS/JavaScript)
 - Speech Analysis (Praat/Audacity/CLAN)
 - Adobe Creative Toolkit (Photoshop/Premiere/After Effect)
-