

Xinyi(Alex) Ye

+852 9445-7758

alexxye.al@gmail.com

<https://alexxye.github.io>

Education

Degree-seeking Programs

M.A. in Psychology , The Chinese University of Hong Kong <i>Thesis</i> : “A Meta-Analysis on the N1 Print Tuning Effect in Early and Late N1 Time Window” Supervisor: Dr. Urs Maurer	2021-2022
M.A. in Linguistics , The Chinese University of Hong Kong	2019-2020
B.A. in English , Beijing Sport University <i>Thesis</i> : “A Corpus-based Study on Gender Awareness in Sports News: Taking China Daily and The Guardian as Examples”	2015-2019

Non-degree Studies

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 • BLC Lab • Hong Kong Polytechnic University Principal Investigator: Dr. Andrew Ping Li <ul style="list-style-type: none">• 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	2022-present
Student Helper • Brain and Mind Institute • The Chinese University of Hong Kong Principal Investigator: Dr. Patrick C. M. Wong <ul style="list-style-type: none">• Data collection and analysis (EEG: Frequency Following Response)	2021-2022
Research Assistant • Department of Chinese and Bilingual Studies • Hong Kong Polytechnic University Principal Investigator: Dr. Caicai Zhang <ul style="list-style-type: none">• Data collection and analysis (EEG: ERP analysis with cluster-based permutation test)• Literature review	2021

Research Assistant • Department of Linguistics and Modern Languages • The Chinese University of Hong Kong 2020
Principal Investigator: Dr. Shuxiang You

- Literature review
- Experimental design
- Phonological data analysis

Student Helper • Brain and Mind Institute • The Chinese University of Hong Kong 2019-2020
Principal Investigators: Dr. Patrick C. M. Wong; Dr. Gangyi Feng

- 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 course

Camp Counselor • YMCA Frost Valley • USA 2017

- Maintenance team
- Athletic and personal mentorship to high schoolers

Research Projects / Written Works

Ye, X. Y., Huang, K. X., Maurer, U. (Preprint). *A Meta-Analysis on the N1 Print Tuning Effect in Early and Late N1 Time Window*.

Ye, X. Y., Yu, S. Y., Jiang, Y., Li, P. (In preparation). *Technologies, Data, and Learning: Digital language learning (DLL) and second language representation*. <https://github.com/alexxyye/VR-EEG-experiment>

Ye, X. Y., Mahapatra, A., Pan, D., Çelebi, F., Li, J. L. (2022) *Are we by default social?* Neuromatch Academy Project. <https://github.com/SocialDragonsNeuromatch/NeuromatchProject>

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)