

Chen Liu
joyce0306@gmail.com

Education

2022 - 2023 *University of California, Merced (UC Merced), California, USA*

Master of Cognitive & Information Science

- Cumulative GPA: 3.95/4.0

2017- 2021 *National Tsing Hua University (NTHU), Hsinchu, Taiwan*

Bachelor of Education in Special Education

- Cumulative GPA: 4.07/4.13

2018 -2019 *Semester exchange, Tsinghua University in Beijing*

Major in Psychology

- Blended learning design and application for higher education
- Project on wearable neurophysiological devices for assessing personal performance in group projects
- Project on emotion recognition and brain-computer interface applied to practical computing in real life and artificial intelligence

2018 Summer *UBC Vancouver Summer Program of Culture, Creativity, and Learning Technologies*

- Developed expertise in analyzing the opportunities, challenges, and potential impact technology may have on teaching elementary students
- Assessed how learning technologies may support student collaboration, creation, reflection, sharing, and engagement

Lab Experience

2022-Current *Language, Interaction, & Cognition Lab*

Research focus: sentence predicting processing

2022-Current *Language, Learning, and Teaching Lab*

Research focus: bilingualism, embodiment education

2019 *Research Assistant, Research Center for Education and Mind Science*

Research focus: cognitive load, working memory span

Course Project

Modeling endangered languages: The effects of bilingualism

https://drive.google.com/file/d/1tMXlHno3pG90Uvj_oqf_TEUxND58FIJT/view

Diversity and Representation at the University of California

<https://joyce9936.github.io/project/UC-representation1207.html>

How multimedia storybooks could impact reading comprehension ability and visual attention in sequential Mandarin-English bilinguals encompassing both L1 and L2

https://drive.google.com/file/d/1_HKw3PMvmBq3ZG5cZ0krTqQfs7CdUcIv/view

Work Experience

2023-current *UC Merced Cognitive & Information Science Department, California, USA*

Project Coordinator

- 2022** ***Yu-Tsai Bilingual Elementary School, New Taipei City, Taiwan***
School Counselor and 3rd&4th grade Science Teacher
- Counseling students with special needs
 - Designed hybrid courses and activities for students in science
 - Participate in school activities, including Freshman Admissions and graduation
- 2021 - 2022** ***Yonghe Elementary School, New Taipei City, Taiwan***
Intern Resource Room Teacher
- Designed Social Emotional Learning (SEL) program for second-grade autistic students
 - Helped students with learning disabilities develop their individual learning strategies
- 2021** ***National Experimental High School, Hsinchu, Taiwan***
Student Teacher, Gifted Education Classroom, Hsinchu Science Park Elementary Dept.
- Designed STEM activities for students to explore their interests in different fields
 - Designed problem-based activities for students to develop problem-solving skills
 - Design courses for creativity and leadership skills
- 2020** ***Dongmen Elementary School, Hsinchu, Taiwan***
Student teacher, Special Education Classroom
- Improved students 'gross motor and fine motor skills by giving functional motion training
 - Used storybooks to help students accumulate common vocabulary

Volunteer Experience

- 2019** ***National Taiwan University Hospital Hsinchu Branch***
- Designed classes for early intervention children
 - Coordinated with physical therapists to help children improve the quality of their movements
 - Observed performance of developmentally delayed children in cognition, movements, and emotion
- 2019** ***International Volunteer in Romania***
- Communicated and cooperated with people from different countries and cultures
 - Hosted weekly English camps in different villages
- 2018** ***Saint Joseph Social Welfare Foundation***
- Designed camp activities for people with special needs

Online Certificates

Introduction to Psychology, Yale University

- Topics include perception, communication, learning, memory, decision-making, persuasion, emotions, and social behavior.

Fundamental Neuroscience for Neuroimaging, John Hopkins University

- Gained knowledge in various neuroimaging approaches and experimental design
- Learned advantages and disadvantages in structural and functional when doing research

- Understood recent research in neuroscience using different approaches

Anatomy: Human Neuroanatomy, University of Michigan

- Trained in neuroanatomy, sensory pathways, motor pathways, and the autonomic nervous system
- Learned about the structural anatomy of the human brain

Human Resources Analytics: University of California, Irvine

- Gained basic knowledge of the principle and importance of human resources
- Learned standard tools for analyzing human resources data