Jiahuan Liu

✉ liujh22@gmail.com
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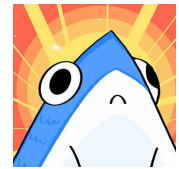
Education

Aug 2025 – Present	**Ph.D., Biology, University of Virginia, Charlottesville, USA** Main courses: Neubiology, etc.
Sep 2023 – May 2025	**M.A., Psychology, New York University, New York, USA** GPA: 3.84/4.00 Main courses: Cognitive neuroscience, EEG Processing, Bioinformatics, Neuropsychology, etc.
Jan 2022 – Jun 2023	**B.S., Psychology, James Cook University, Singapore** GPA: 3.00/4.00 Main courses: Psychological Neuroscience, Memory and Cognition, Programming in Python, Machine Learning and Data Science, Psychometrics, etc.
Sep 2016 – Sep 2019	**B.S., Psychology, University of Tuebingen, Tuebingen, Germany** GPA: 3.58/4.00 Main courses: General Psychology, Biological Psychology, Statistic in R, Social Psychology, Personality Psychology, Developmental Psychology, etc.

Research Publications

Journal Articles

1. Y. Zhu, H. Gelnaw, P. Leary, *et al.*, "Tau load in select brainstem neurons predicts the severity and nature of balance deficits in the absence of cell death," Oct. 2024. 🔗 DOI: 10.1101/2024.10.14.618073.

2. J. Liu, "Impairment and control: Bilateral relationship between alcohol use disorder and working memory," *Journal of Education, Humanities and Social Sciences*, vol. 8, pp. 1599–1603, Feb. 2023, ISSN: 2771-2907. 🔗 DOI: 10.54097/ehss.v8i.4529.

3. X. Ma, X. Yuan, J. Liu, *et al.*, "Gravity-dependent animacy perception in zebrafish," *Research*, vol. 2022, Jan. 2022, ISSN: 2639-5274. 🔗 DOI: 10.34133/2022/9829016.

Skills

Language	Mandarin (Native), English (Excellent), German (Excellent, DSH-2, Goethe-Zertifikat B2).
Computer Skills	Proficient in Python, Matlab, R, SPSS, Adobe Illustrator.
Lab Skills	Zebrafish husbandry, Embryo screening and culture, EEG, MEG analysis, fMRI analysis, Gene sequencing analysis.

Miscellaneous Experience

Teaching Experiences

Jul 2024 – Dec 2024	**Teaching Assistant, NYU Department of Psychology** Lecturer: Prof. Stephanie Keer
May 2024	**Project Grader, NYU Department of Psychology** Cooperators: Prof. Elizabeth A. Bauer, Prof. David Bosch.

Miscellaneous Experience (continued)

Jan 2024 – May 2024   **Recitation Leader, NYU Center for Neuroscience**
Lecturers: Prof. Christine Constantinople, Prof. Simon Peron.

Awards and Achievements

Apr 2025   **1st Place – 29th Annual NYU M.A. Psychology Research Conference** ($200)

References

Available on Request