

# JIAYU LIANG

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## Education

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**Shandong University**

[2020 – 2024]

*Bachelor of Arts in English Language and Literature, 88.71/100 Average Grade*

## Research Interests

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- Production and Perception of Non-native Languages
- Cross-domain Transfer Effects between Music and Language Experience
- Age-related Differences in Language Learning

## Publications & Presentations

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- **Liang, J.**, Ma, W., Zhang, Y., Zhang, H. Effects of Mandarin Speakers' Musical Aptitude on the Perception of English Vowels: An Eye-tracking Study. (Manuscript in preparation)
- **Liang, J.**, Zhang, H. Mandarin-speaking Musicians Show Enhanced Perception-Production Link of L2 English Vowels. (Manuscript in preparation)
- **Liang, J.**, Jia, B., Liu, J., Li, X., Zhang, H. (2023). Music Experience Enhances Categorical Perception of English Vowels in Mandarin Speakers. In *The 14th International Conference in Evolutionary Linguistics (CIEL2023)*, Hong Kong. (poster)

## Research Experience

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- **Adult Second-language Learners' Consolidation of Cantonese Tones during Daytime Naps: The Role of Prior Knowledge** [Present]  
*Assisted Project:* Data collection and analysis.
- **Enhancing the Perception and Recognition of Spoken Words in a Second Language: A Cue-Weighting Approach** [Present]  
*Assisted Project:* Data collection.
- **Effects of Tone Types and Bilingual Experiences on Forced-attention Dichotic Task in Cantonese-speaking Older Adults** [Sep. 2024 – Nov. 2024]  
*Assisted Project:* Data collection.
- **Efficacy of Melodic Training and Sleep-mediated Memory Consolidation in Learning Cantonese Level Tones** [Apr. 2024 – Present]  
*Individual Project:* Experimental design, data collection and analysis.
- **Perception-Production Links in Mandarin Speakers' English Vowels: A Behavioral and Eye-tracking Study** [Jul. 2023 – Jul. 2024]  
*Undergraduate Thesis:* Literature review, experimental design, data collection and analysis, manuscript.

## Awards

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- College Students' Innovative and Entrepreneurial Training Program Funding [Jun. 2023 – Jun. 2024]
- The Third-Class Undergraduate Academic Scholarship [Sep. 2021]

## Skills

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- **Programming:** Python, R, JavaScript, MATLAB
- **Language Proficiency:** Mandarin (native), Cantonese (native), English (IELTS 8.0)