

Curriculum Vitae

Danqin Zhao

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EDUCATION

- 2024 - now **Mres Psychology** at University of Edinburgh (UoE)
- 2020 - 2024 **B. Sc. Psychology (Honors)** at Fudan University (FDU), Shanghai, China
GPA: 92/100, Ranked 1st place (1/25)
Scholarships: China National Scholarship (2022-2023, 2021-2022); Second-prize Scholarships (2020-2021)

RESEARCH EXPERIENCES

- 03/2023 - now **Project leader** at Fudan University, Shanghai, Department of psychology with *Prof. Lei Zhu*
(in the stage of submission now)
- **Project: The Role of Collective Esteem on Confrontational Behaviors in Human-robot Game**
 - Reviewed 73 papers and Conceptualized, formulated, and refined the overall research goals and objectives
 - Recruited participants (n=70), and integrated their data from surveys, step counts, and facial expressions using Python and OpenFace to establish the relationship between collective esteem and players' confrontation
 - Discovered a positive correlation between higher collective esteem and increased confrontational behaviors among players in game settings; however, we did not observe a significant improvement in player experience
- 06/2023 - now **Research assistant** at Learning Sciences Lab, **the National University of Singapore (NUS)**, Singapore, with *Prof. Steven C. Pan*
- Analyzed the survey data on LCX Learning Strategies among students (N=862) using R
 - Participated in literature review and 4 pre-experiments towards effect of different studying methods
- 11/2022 - 10/2023 **Project leader** at Fudan University, Shanghai, China, Department of psychology with *Prof. Xiaoru Li*
(in the stage of submission now)
- **Project: The Opposing and Integration of Studying Addiction and Studyholism**
 - Wrote Literature review based on 33 papers
 - Comprehensively discussed the contrasts and integration of these two theories across multiple dimensions, proposing a novel model to elucidate problematic learning behaviors
- 07/2022 - 03/2023 **Research Assistant & Co-author** at Fudan University, Shanghai, China, Department of psychology with *Prof. Jane Wang* (**The abstract accepted by the 64th Annual Meeting of the Psychonomic Society**)
- **Project: Effects of Rewarding Memory on Decision-Making across Cultures**
 - Designed a questionnaire and coding scheme for participants to list 5 items belonging to a certain category and rank their familiarity and typicality
 - Developed category, memory, and recalling tasks and coding scheme for participants (N=80)

03/2022 - 05/2023

- Coped with massive raw data with self-developed Python program and created graphs using R to effectively present statistical results
- Identified a significant similarity in false rewarding memories between Chinese and US participants, with Chinese participants exhibiting a higher preference for studied items and lures of rewarded categories in decision-making task

Leader and First Author, at Fudan University, Shanghai, China, Department of psychology with *Prof. Jane Wang* (**The abstract has been accepted by SARMAC 2023**)

- **Project: How Age-related Changes in Memory Affect Decision-making Bias**
- Reviewed 27 papers, recruited participants (N=63), and conducted a 3-phases, 2x2 mixed design based on classical reward learning paradigm
- Developed and programmed the experimental protocol using Psychopy, and utilized Python to efficiently process and analyze a large amount of recall and decision data
- Observed a higher proportion of false memories among younger adults, resulting in an amplified decision bias
- Indicated that subjects exhibit a pronounced decision bias when exposed to falsely rewarded memories, thereby suggesting a direct link between false memories and decision bias

CONFERENCES & PRESENTATIONS

- 08/2023 **Poster Presentation** at 2023 Biennial Conference of the Society of Applied Research in Memory and Cognition (**SARMAC**), Nagoya, Japan, Age-related changes in categorical memory error and how those changes affect decision making bias
- 11/2023 **Poster Presentation** at 64th Annual Meeting of Psychonomic Society, San Francisco, California, USA, Effects of true and false rewarding memory on decision making across cultures

ADDITIONAL INFORMATION

Quantitative Skills R, SPSS, Jasp, Matlab

Programming Skills Python, Psychopy, E-Prime, Qualtrics

Language TOFEL 108 , GRE 330 (Verbal 160, Math 170, Writing 4)

Activities Member of Acapella Vocal Ensemble at Fudan University, Volunteer in Shanghai online psychological counseling platform for adolescents for 20 hours in total, Volunteer as a teacher to provide assistance to economically disadvantaged high school students for 100 hours in total