

Weijia Cao

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🌐 <https://github.com/Rebeccacwj>

EDUCATION	New York University , New York, NY 2021 – 2023 M.A. in Experimental Psychology Emphasis on Cognitive Neuroscience Advisor: David Poeppel, Ph.D. Thesis: <i>Memory for taxonomic and thematic conceptual relations</i>
	University of Wisconsin-Madison , Madison, WI 2017 – 2021 B.A. in Psychology & B.A. in Statistics (double-major) Minor in French
RESEARCH POSITIONS	Poeppel Lab, New York University , New York, NY 2021 – 2023 Research Assistant, <i>Advisor: David Poeppel</i> Led and conducted studies focused on understanding memory for linguistic information Collaborated on behavioral and human electrophysiology (MEG) experiments to study music perception and cognition
	Cognitive Development & Media Lab, University of Wisconsin-Madison , Madison, WI 2021 – 2023 Research Assistant, <i>Advisor: Heather Kirkorian</i> Calibrated and analyzed eye gaze and visual fixation data Collaborated on behavioral experiments to study the relationship between children's cognitive development and media interactivity
AWARDS & HONORS	Master's Research Conference Second Place Finish, New York University 2021
	Germaine Mercier Scholarship, University of Wisconsin-Madison 2021
	Larkin Burl Price Memorial Scholarship, University of Wisconsin-Madison 2020
	Undergraduate Scholarship for Summer Study, University of Wisconsin-Madison 2019
	Fall 2018 Dean's List, University of Wisconsin-Madison 2018
SELECTED CONFERENCE ABSTRACTS	The mnemonic basis of taxonomic and thematic conceptual relations (submitted) 2023 <i>International Conference on Learning and Memory</i> , Huntington Beach, CA.
	The mnemonic basis of taxonomic and thematic conceptual relations 2022 <i>Master's Research Conference</i> , New York, NY.
	The effect of interactivity on toddler's object retrieval: Comparing the live and video situations 2021 <i>Undergraduate Symposium</i> , Madison, WI
SKILLS & OTHER	Programming: Python, PsychoPy, PsychoJS, PyTorch, MATLAB, NumPy, scikit-learn, GitHub Data Analysis: R, SPSS, MS Excel, Regression Analysis Neuroimaging: MEG Visual Fixation Coding: Datavyu, GazeTag Language: English, Chinese, French (proficient) Technical coursework: Mathematical Tools for Neural and Cognitive Science, Probability, Applied Regression Analysis, Nonparametric Statistics, Machine Learning and Statistical Pattern Classification, Deep Learning and Generative Models Technical course projects: Deep-Learning Based Speech Emotion Recognition (CNN, RNN, Transformer Neural Networks), Machine-Learning Based Authorship Identification in Web Fictions (kNN, C4.5 Decision Tree, Random Forests, Multinomial Naive Bayes, Bagging) Other: Musical instruments (gu zheng, recorder), video editing (Adobe Premiere), audio editing (Audacity, Adobe Audition)
OUTREACH & SERVICE	Chair of Event Planning Department, <i>Yuan-Shan Study Society</i> 2019 – 2021 University of Wisconsin-Madison, Madison, WI
	Student Member and Volunteer Language Tutor, <i>Chinese Language and Culture Club</i> 2017 – 2018 University of Wisconsin-Madison, Madison, WI