**Shanshan Zhu**📧 zhushanshan0717@gmail.com | 💻 github.com/shanshan717

# Education

Nanjing Normal University, Nanjing, China  
M.Sc. in Basic Psychology Sep 2023 -- Jun 2026 (Expected)

Hangzhou Normal University, Hangzhou, China  
B.A. in Health Services and Management Sep 2019 -- Jun 2023

# Research Experience

Principal Investigator, Self-Reference Database Jan 2023 -- Present

* - Led the construction and cleaning of a self-reference dataset open shared on Science Data Bank platform.
* - Leading a ALE meta-analysis project using Python to synthesize neuroimaging findings on self-referential processing (In Progress).

Principal Investigator, fMRI Pipeline Tutorial (Chinese) Jul 2024 -- Present

* - Authored a beginner-friendly fMRI data processing guide to support open science in neuroimaging.

MRI Technician, CCNP Project, Nanjing Site Oct 2024 -- Jul 2025

* - Conducted MRI scans for school-age children and assisted in quality assurance for longitudinal neuroimaging data.

Research Assistant, Legal Education and Brain Function Study Feb 2024 -- Present

* - Co-authored paper and conducted fMRI preprocessing and analysis to explore effects of legal education on cognition.

# Teaching Experience

Teaching Assistant, Bayesian Methods in Psychology Sep 2024 -- Jan 2025  
Nanjing Normal University | Instructor: Prof. Chuan-Peng Hu

* - Facilitated labs and tutorials, assisting students with R and Python-based Bayesian statistics.

# Professional Training

FSL Neuroimaging Analysis Workshop  
Institute of Psychology, Chinese Academy of Sciences Jul 2024  
Completed 1-week intensive training and received certification.

# Internship Experience

AI Trainer Intern, NetEase Intelligence May 2023 -- Sep 2023

* - Annotated NLP training data; contributed to cognitive-linguistic tasks and model performance.

Research Intern, Sir Run Run Shaw Hospital Jul 2022 -- Dec 2022

* - Supported research administration; assisted with documentation and ethical reviews.

Medical Observer, Affiliated Hospital of HNU Jul 2021 -- Sep 2021

* - Gained early exposure to clinical settings in psychiatry and behavioral health.

# Conferences and Presentations

24th National Congress of Psychology, Chengdu, China Oct 2023

* - Oral presentation: "Abnormal Brain Activity in Self-Referential Processing Among Psychiatric Patients: An ALE Meta-Analysis"

Frontiers in Cognitive Neuroscience Hackathon, Hangzhou, China Aug 2024

* - Initiator and lead: "Python-Based fMRI Data Analysis Pipeline"

# Academic Service

Chinese Open Science Network 2023 -- Present

* - Academic Secretary: Assisted with planning and coordination of scholarly activities.
* - WeChat Content Editor: Responsible for formatting and publishing WeChat articles.

# Skills

- Programming: Python, R

- Neuroimaging: FSL (certified), fMRI preprocessing, ALE meta-analysis

- Tools: Microsoft Office, LaTeX, GitHub