

Emma/Ruoyu Zhang

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EDUCATION

Carleton College

Northfield, MN

Prospective major: Cognitive Science

Expected May 2027

- Cumulative GPA: 3.97
- Awards: Dean's List (2023-2024)

TECHNICAL SKILLS

Programming Languages/Data processing (Java, Python, C++, Javascript, R)

Digital humanities / Design (GIS, LaTeX, Adobe PS, PR, EOS lighting)

PROFESSIONAL EXPERIENCE

Digital Humanities Associate, Northfield, MN

September 2024 - Present

[Digital Humanities Center](#), Carleton College

- **Research assistants** for digital humanities projects, consulting on every stage of the process: initial design, data entry, development, and final deployment.
- **embedded teaching assistants** in humanities courses and offer hands-on assistance for digital class projects

RESEARCH EXPERIENCE

Research Assistant, Las Vegas, NV

May - August 2024

[Music Cognition Lab](#), University of Nevada, Las Vegas

- Supervisor: Dr. Erin Hannon
- Explored beat and meter perception / misophonia phenomenon of child
- Ran participants with EEG, analysis Data with Python
- Funded by The Elizabeth and George Frost fellowship of Carleton college

Research Assistant, Shanghai, China

[Institute of Neuroscience, Chinese Academy of Sciences](#)

July 2022

- Supervisor: Dr. Tianming Yang
- Explored how different earning/spending units and human decision making behavior
- Designed experiment paradigm on Psychopy. Used R for analysis & graphing

OTHER EXPERIENCE

Light Board Operator, Northfield, MN

Department of Dance/Theater/Music, Carleton College

September 2023 - Present

- Operate and Design light for theater and music departmental / Student group events.