

Professional Summary

Graduate student in Information Science at UNC-Chapel Hill specializing in AI ethics, digital curation, and digital humanities. Proven experience in archival digitization and qualitative analysis, with a strong focus on cross-disciplinary collaboration. Research integrates technology and ethics to examine the impact of information systems on knowledge and values.

Education

University of North Carolina At Chapel Hill

Expected in May 2026

Master of Science: Information Science

Chapel Hill, NC

Relevant Coursework: Database & Text Mining & Information Retrieval

Johns Hopkins University

July 2022

Master of Science: Education

Baltimore, MD

Beijing Language And Culture University

June 2021

Bachelor of Arts: Language And Literature

Beijing, China

Research Experience

Carolina Advocates for Climate, Health, and Equity (CACHE) Web Resource Hub, Advisor: Professor

John Lohnes, Duke University Department of Family Medicine and Community Health / Co-lead, CACHE Climate Smart Healthcare Committee, September 2025 to Present

Collaborating with faculty and professionals from Duke University and UNC to develop a web-based resource hub that curates and organizes interdisciplinary materials on climate, health, and equity for healthcare professionals across North Carolina. Reviewing and categorizing digital resources, designing accessible information architecture, and collecting website analytics to understand user engagement.

The project aims to produce a functional prototype that enhances the accessibility and usability of climate-health data, supports equitable health communication, and serves as a model for digital curation and public engagement in interdisciplinary research.

SCAT Testing and Creative Spatial Problem Solving, Advisor: Professor Amy Shelton, Center for Talented Youth, Johns Hopkins University, April 2022 to February 2023

Work with testing department: corporate with the SCAT tests, prepare testing materials and administration workshops, monitor the scoring and scaling process and do trend analysis and comparative studies; help with the statistical report for testing.

Work with the creative spatial assessment team on “Creative spatial problem solving”: to find the connection between spatial reasoning and academic ability, using some neurocognitive tasks, such as mental rotation test, cube and figure turning and cardboard box folding and unfolding. The recording process should be detailed, such as observing how the child reacts to the failure of the attempt, and how the process of finding a solution, etc. Then deliver the record to engineers who can translate the process of the subject's completion of the test into code. Then analyze the data and find connections.

The Influence of Culture on People's Self-evaluation, Advisor: Professor Cheng Liao, Harvard University, March 2022 to September 2023

Examined the impact of culture on how people view and evaluate themselves. This study concluded that the culture affects how people see and evaluate themselves and interact with others.

Under the cultural background of individualism, westerners obviously have higher self-esteem, self-identity and high self-evaluation, while Easterners have lower self-esteem and tend to criticize more in their self-evaluation.

The Establishment of a Global Vision: Intercultural Communication between China and the West,

Advisor: Professor Pang Hongmei, Tsinghua University, March 2020 to April 2020

Studied the underlying reasons for differing attitudes toward wearing masks in China and the United States during the pandemic via the analysis of headlines within the China Daily and New York Times.

Concluded that the two countries have different attitudes towards wearing masks. The United States emphasizes individual freedom and does not make wearing masks mandatory, while China makes wearing masks mandatory because it is a collectivist country.

Work Experience

North Carolina State University Special Collection

February 2025 to August 2025

Digitization Assistant

Raleigh, United States

- Transcribed and enriched metadata for archival materials from the 1960s–70s, improving accuracy and contextual depth across 300+ digital records.
- Applied archival standards and ethical description practices to ensure inclusive and transparent representation.
- Conducted independent historical verification and problem-solving to interpret ambiguous references and institutional terms.
- Contributed to workflow documentation and version control within a collaborative digital preservation system.

City strings & Piano

October 2023 to May 2024

Piano Instructor

Baltimore, MD

- Taught foundational music theory and piano techniques to children.
- Created individualized lesson plans tailored for beginner students.
- Cultivated student confidence and appreciation for classical repertoire.

Publications

- **Li, Xinzhu, & Fang, L.** *The Impact of Culturally Adaptive Feedback in Information-Interaction Systems on Language-Learning Motivation and Outcomes*. *Journal of Educational Theory*, 2(1), 1–7, 2025.
- **Li, Xinzhu.** *Design of Persona-Based Interactive Interfaces and Their Impact on Human Self-Perception*. *Academic Journal of Sociology and Management (AJSMS)*, 3(3), 30–35, 2025.
- **Li, Xinzhu.** *The Illusion of Understanding: AI, Language and Self-Perception*. *Artificial Intelligence Technology Research*, 2(10), 2025. (O)3029-1968 / (P)3029-195X.
- **Li, Xinzhu.** *The Illusion of Personhood: How Do We Determine That AI Has Personhood? Research and Commentary on Humanities and Arts*, 3(3), 2025. (O)3029-2050 / (P)3029-2042.
- **Li, Xinzhu.** *Recent Research on the Development of Emotion Analysis Technology in Text Mining*. *Forum on Research and Innovation Management*, 3(6), 2025. (O)3029-1984 / (P)3029-1933.
- **Li, Xinzhu.** *The Emptiness and Enrichment in Aesthetics*. *Wen Cun Yue Kan*, 2020. ISSN 2095-8633 (in Chinese).
- **Li, Xinzhu.** *The Analysis of the Characteristics and Artistic Value of the Proses (Poetry) of the Yuan Dynasty*. *China National Expo*, no. 5, 2020. ISSN 1007-4198 (in Chinese).