

Songzi Liu

Graduate student and Research Assistant
School of Information and Library Science,
University of North Carolina-Chapel Hill

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Research Interests

Human-Computer Interaction, Usability Research, Health Informatics, Personal Health Information, Information Retrieval, Natural Language Processing

Education

2017-2019 (expected)	University of North Carolina-Chapel Hill, M.S.I.S. Major: Information Science Track: Human-Computer Interaction
2013-2017	Oberlin College, B.A. Major: Economics Minor: East Asian Studies

Honors and Scholarships

Margaret Ellen Kalp Memorial Fellowship, UNC Chapel Hill	2018
Awarded Researcher, China National Program in Rare Book Preservation	2018
Graduate Library School Scholarship, Oberlin College Library	2017
Omicron Delta Epsilon- The International Economics Honor Society	2017
Shansi Fellowship (final list candidate), Oberlin College	2015
'Top in the Country' Outstanding Cambridge Learner, Cambridge IGCSE	2014

Relevant Coursework

Graduate-Level:	Organization of Information	Advanced College-level:
User Interface Design	System Analysis	Linear Algebra
Usability Evaluation	Text Mining	Multivariate Calculus
Electronic Health Records	Research Methods	Differential Equations
Project Management	Information Retrieval	Statistical Modelling

Research Experience

Carolina Applied Informatics Research Group Chapel Hill, NC

Graduate Research Assistant 2018

Supervisor: Saif Khairat

- work on the Telemedicine for Health Care evaluation project under the supervision of Dr. Khairat
- clean, analyze, and visualize complex patients and clinical encounters dataset using R, SAS, and Tableau. Apply text mining algorithms for natural language processing tasks, including Topic Categorization and Sentiment Analysis.

University of North Carolina-Chapel Hill Library Chapel Hill, NC

Lead Usability Researcher, East Asian Resources 2018

Supervisor: Hsi-chu Bolick

- led a team of four research assistants in developing a user interface for accessing Open Access academic resources in East Asian languages
- delivered a usability report, an interactive prototype, and two demonstrative presentations

Graduate Research Assistant, East Asian Resources 2017

Supervisor: Lily Kirkhoff

- initiated and delivered three major digital humanities projects
- oversaw five other student workers during the department's 5-month interim
- maintained the department's *Lib-guide* webpages; compiled website usage data and analytical report on a regular basis.

Graduate Assistant, Research and Instructional Resources 2017

Supervisor: Jacqueline Solis

- assisted the chair of the Research and Instructional Resources department
- led and managed a donor's outreach project and a departmental event

Oberlin College Oberlin, OH

Research Assistant at Economics Department 2016

supervisor: Evan Kresch

- was part of an international team working on the problem of water scarcity in the developing countries, led by three professors in Developmental Economics.
- carried out preliminary literature research, data acquisition, and data cleaning.

Research Assistant at History Department

2015

supervisor: Sheila Jager

- helped Dr. Sheila Jager with an ongoing book project—*The Other Great Game: The Opening of Korea and the Birth of Modern East Asia*;
- identified relevant sources, perused texts, compiled summary, and offered detailed list of bibliographical information. worked with firsthand information in Classical Chinese.

Work and Internship Experience

Oberlin College Library Oberlin, OH

Student Assistant

2013-2017

Supervisors: Xi Chen (2013-2015), Run Xiao Zhu (2016-2017)

- assisted the East Asian Librarian's work; responsibility included copy cataloging Chinese and Japanese language publications, handling incoming print materials, maintaining gift books collection, facilitating projects and special exhibition.
- engaged in various primary literary research projects on East Asian History, Religion, and Art; recent topics include: Mid-Nineteenth Century Jesuit Missionary in Northern China and Mongolia; Oberlin Band of Missionary in the Boxer Movement; Taoism and Folk Religion of Chinese Ethnic Minority group; Study of Chinese-Japanese Almanac.

Shandong Provincial Library. Jinan, China

Visiting Research Scholar

2017

Supervisor: Qing Yuan Ma (Peking University)

- worked on a national project on building the world's largest catalog of I-Ching related primary materials—based on Shandong Provincial Library's comprehensive collection.
- collaborated with renowned researchers and experienced rare books repairer; trained with basic knowledges and skills in handling rare materials.

Taishan Culture-Art Exchange Co. Jinan, China

Executive Assistant and Librarian Intern

2014

Supervisor: Wei Yan

- maintained the executive's appointment and travel schedules; Arranged and coordinated meetings and events.
- managed the company's collection of around 2,500 print materials and access to China's major online art database—Artron.net; made informed decision on new book and art auction catalogues acquisition. helped the employees accessing relevant materials.

Research Groups and Professional Affiliations

Interactive Information Systems Lab

2018- Current

School of Information and Library Science, UNC Chapel Hill

Graduate Student Researcher

Advisor: Robert Capra, Jaime Arguello

Member, Association for Information Science & Technology (ASIS&T)

Member, Project Management Institute (PMI)

Member, Triangle User Experience Professionals Association

Member, UNC Future Leaders in UX (FLUX)

Member and Scholarship Recipient, Chinese American Librarians Association (CALA)