

# WENQI LI, Ph.D.

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## RESEARCH INTERESTS

Human-Computer Interaction, Digital Cultural Heritage, Digital Humanities, Data Behavior, Data Curation.

## EDUCATION

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| <b>Peking University</b><br><i>Ph.D., Information Science, Department of Information Management</i><br>Advisor: Dr. Jun Wang<br>Dissertation: User Behavior-Oriented Humanities Data Curation Model and Applications | 2020 - 2024<br>Beijing, China   |
| <b>University of Washington</b><br><i>M.S., Human Centered Design &amp; Engineering, Department of HCDE</i>                                                                                                          | 2014 - 2016<br>Seattle, WA, USA |
| <b>Peking University</b><br><i>B.S., Information Management and System, Department of Information Management</i>                                                                                                     | 2010 - 2014<br>Beijing, China   |
| <b>City University of Hong Kong</b><br><i>Exchange Student</i>                                                                                                                                                       | 2013<br>Hong Kong, China        |

## PROFESSIONAL EXPERIENCE

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|---------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>Peking University</b><br><i>Assistant Professor, Department of Information Management</i>      | July 2026 - Present<br>Beijing, China         |
| <b>Peking University</b><br><i>Boya Postdoctoral Fellow, Department of Information Management</i> | September 2024 - June 2026<br>Beijing, China  |
| <b>Alibaba Cloud Computing</b><br><i>Senior User Experience Designer</i>                          | April 2018 - September 2020<br>Beijing, China |
| <b>Microsoft Corporation</b><br><i>Product Designer</i>                                           | May 2016 - March 2018<br>Redmond, WA, USA     |

## PUBLICATIONS

\*=CORRESPONDING AUTHOR

### Journal Articles

- [J.11] Wenqi Li, Pengyi Zhang, Jun Wang. A Systematic Review and Development of an Analytical Framework for Data Curation Models. *Documentation, Information & Knowledge*, 2026.
- [J.10] Jiaying Yang, Yanan Wu, Wenqi Li\*, Pengyi Zhang, Jun Wang. Methodological Framework for Generative AI-Empowered Activation of Documentary Heritage. *Library Journal*, 2026.
- [J.9] Wenqi Li, Zeyang Luo, Pengyi Zhang. Exploring Immersive Cultural Heritage Experiences: A User Study of a VR Application Featuring Ancient Manuscript. *Information Research*, 2026, 31(iConf): 392-409.
- [J.8] Tianji Jiang, Wenqi Li, Jiqun Liu. The Landscape of Data Reuse in Interactive Information Retrieval: Motivations, Sources, and Evaluation of Reusability. *Journal of the Association for Information Science and Technology*, 2025, 76(9): 1258-1276.
- [J.7] Wenqi Li, Zeyang Luo, Pengyi Zhang. Users' Information Needs and Information Seeking Effects in Ancient Text VR Experiences. *Library Tribune*, 2025, 45(2):35-41.
- [J.6] Wenqi Li, Jun Wang, Fengxiang Wang. Curating the Chinese ancient book catalogs: Leveraging the dual roles of humanities scholars as experts and users in collaborative practice. *Journal of the Association for Information Science and Technology*, 2024, 75(12): 1331-1349.
- [J.5] Wenqi Li, Zhaoji Wang, Hanxu Yu, Qianting Lai, Jun Wang. Book cluster: a new approach to explore the evolution of knowledge organization in ancient China. *Digital Scholarship in the Humanities*, 2024, 39(4): 1064-1074.
- [J.4] Wenqi Li, Pengyi Zhang, Jun Wang. Analysing humanities scholars' data seeking behaviour patterns using Ellis' model. *Information Research an international electronic journal*, 2024, 29(2): 401-418.
- [J.3] Wenqi Li, Fengxiang Wang, Xianbin Sun, Zhixin Huang, Pengbei Li. Diachronic Data Integration and Visualization of Ancient Book Catalogs Compiled for Imperial Collections. *Journal of Library Science in China*, 2023, 49(01): 82-98.

- [J.2] **Wenqi Li**. A Review of Research on Interactive Visualization Applications in Digital Humanities. *Documentation, Information & Knowledge*, 2022, 39(05): 42-55.
- [J.1] **Wenqi Li**, Pengyi Zhang. The Conceptualization and Model Construction of Data Behaviors. *Library and Information Service*, 2022, 66(23): 29-40.

### Conference Papers

- [C.10] Zeyang Luo, **Wenqi Li\***, Pengyi Zhang, Jun Wang. Task Perception and Volunteer Performance in Crowdsourced Ancient Text Digitization. In *Proceedings of the Association for Information Science and Technology*, 2026.
- [C.9] **Wenqi Li**, Jinghan Zhang, Junyang Ma, Penyi Zhang. From Platform Data to Personal Insight: How Users Make Sense of and Reflect on Personalized Social Media Annual Recaps. In *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems*, 2026: 1-20.
- [C.8] Tianji Jiang, **Wenqi Li**, Jiqun Liu. Improving Data Reusability in Interactive IR: Insights from the Community. In *Proceedings of the 2026 Conference on Human Information Interaction and Retrieval*, 2026: 524-528.
- [C.7] Chenyu Zhang, **Wenqi Li\***, Zeyang Luo, Pengyi Zhang. Engaging with AI in Crowdsourced Digitization of Ancient Texts: User Perception and Interaction. In *Proceedings of the Association for Information Science and Technology*, 2025: 1167–1172. (*Best Paper Award*)
- [C.6] **Wenqi Li**, Jui-Ching Kuo, Manyu Sheng, Pengyi Zhang, Qunfang Wu. Beyond Explicit and Implicit: How Users Provide Feedback to Shape Personalized Recommendation Content. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems*, 2025: 1-17.
- [C.5] **Wenqi Li**, Zhenyi Tang, Pengyi Zhang, Jun Wang. Collaborative Data Behaviors in Digital Humanities Research Teams. In *Proceedings of the 24th ACM/IEEE Joint Conference on Digital Libraries*, 2025: 1-5.
- [C.4] **Wenqi Li**, Tzu-yi Ho, Jun Wang. Towards a Useful Chinese Annotation Tool: An Examination of Annotators' Practice and Needs. In *International Conference on Information*, 2023: 326-340.
- [C.3] Sanwoo Lee, **Wenqi Li\***, Pengyi Zhang, Jun Wang. Characterizing Data Practices in Research Papers Across Four Disciplines. In *International Conference on Information*, 2023: 359-368.
- [C.2] **Wenqi Li**, Fengxiang Wang, Jun Wang. Exploring the Classification of Traditional Chinese Bibliographies through Interactive Visualization. In *ACM/IEEE Joint Conference on Digital Libraries*, 2021: 246-249.
- [C.1] Daniela K Rosner, Saba Kawas, **Wenqi Li**, Nicole Tilly, Yi-Chen Sung. Out of time, out of place: Reflections on design workshops as a research method. In *Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing*, 2016: 1131-1141.

### Conference Posters & Extended Abstracts

- [E.6] Jiaxing Yang, Yanan Wu, **Wenqi Li**, Pengyi Zhang. Towards a Methodological Framework for GenAI-Empowered Activation of Documentary Heritage. In *Annual Conference of the Association for Information Science and Technology*, 2026.
- [E.5] Zisheng Liu, **Wenqi Li\***, Haolei Liu, Pengyi Zhang. "I feel recognized and developed a sense of belonging": Sustaining Volunteer Participation in Ancient Text Collation. In *Companion Publication of the 2025 Conference on Computer-Supported Cooperative Work and Social Computing*, 2025: 367-372.
- [E.4] **Wenqi Li**, Pengyi Zhang, Jun Wang. Humanities Scholars' Understanding of Data and the Implications for Humanities Data Curation. In *Annual Conference of the Association for Information Science and Technology*, 2023, 60(1), 1034-1036.
- [E.3] **Wenqi Li**, Chenyu Li, Yuwei Yang. Baby Steps for Easier Accessibility: Our practice of making Alibaba Cloud Console more inclusive by taking baby steps. In *Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems*, 2021: 1-5.
- [E.2] **Wenqi Li**, Chenyu Li, Yuwei Yang. How Consistent Is Your GUI Design? In *Conference Companion Publication of the 2019 on Computer Supported Cooperative Work and Social Computing*, 2019: 278–282.
- [E.1] **Wenqi Li**, Yifei Xu, Jun Wang. Evaluating the Interaction Design of General Tasks in Children's Mobile Apps. In *iConference*, 2015.

### Books Chapter

- [B.1] **Wenqi Li**, Chenyu Li, Yuwei Yang. Access by Design: Small Steps Toward Big Accessibility Wins. In *HCI in the Wild: Measuring UX within the Product Ecosystem* (1st ed.). Springer, 2025.

### Work in Progress

- [P.3] Pengyi Zhang, **Wenqi Li**, Kathleen Gregory. *Data Behaviour: How People Interact with Data and Datasets*. Cambridge University Press.

- [P.2] **Wenqi Li**, Pengyi Zhang, Jun Wang. Data-driven or Structure-driven: How humanities scholars use data in their research?
- [P.1] **Wenqi Li**, Pengyi Zhang, Zeyang Luo, Yu Wang, Jun Wang. Action Research on AI-Facilitated Public Participation in Ancient Text Collation.

## RESEARCH EXPERIENCE

- **Mechanisms of Human–AI Knowledge Symbiosis in Intelligent Cultural Heritage Data Annotation** 2027 - 2029  
*PI, Funded by NSFC*
- **Construction of an Intelligent Generation System for Digital Patrons of Yungang Grottoes** 2026 - 2028  
*PI, Funded by Yungang Academy Open Research Project (Key Project)*
- **Methods and Applications of AIGC-Empowered Activation of Library Collections** 2026 - 2028  
*PI, Supported by the Library Society of China Grant*
- **Dynamic Role Modeling and Collaboration Mechanisms of AI Agents for Human–AI Knowledge Co-Creation** 2026 - 2029  
*Key Personnel, Funded by NSFC, PI: Dr. Pengyi Zhang*
- **Design of an Intelligent Retrieval Database for Ethnic and Folk Art Resources and Development of AI Agents for K–12 Aesthetic Education** 2025 - 2026  
*Co-Investigator, Government Commissioned Project, PI: Dr. Pengyi Zhang*
- **Institutional and Mechanism Innovations for Integrating Culture, Business, and Tourism in Beijing** 2025 - 2026  
*Key Personnel, Funded by Capital High-End Think Tank Research Project, PI: Dr. Pengyi Zhang*
- **Influence of Information Behavior on Group Cognition in Online Knowledge Communities** 2022 - 2025  
*Key Personnel, Funded by NSFC, PI: Dr. Pengyi Zhang*
- **The Construction of the Knowledge Graph for the History of Chinese Confucianism** 2020 - 2025  
*Key Personnel, Funded by NSFC, PI: Dr. Jun Wang*
- **Conceptual Space and Research System Construction for Digital Scholarship** 2022 - 2024  
*Key Personnel, Funded by the Library Society of China Grant, PI: Dr. Pengyi Zhang*
- **Integration and Analysis System for Historical Bibliography Data** 2020 - 2024  
*Key Personnel, Funded by the National Ancient Books Digitization Special Funding, PI: Dr. Jun Wang*

## TEACHING EXPERIENCE

- Co-Instructor. Human Computer Interaction and User Experience Spring 2025
- Guest Lecturer. Study on Reader Behavior Spring 2025
- Guest Lecturer. Information Resource Retrieval and Utilization in Social Sciences Fall 2023, 2024
- Teaching Assistant. Human Computer Interaction Spring 2021, 2022, 2023
- Teaching Assistant. Digital Humanities Summer Workshop Summer 2022
- Teaching Assistant. Theoretical Foundations of Information Science Fall 2021, 2022
- Teaching Assistant. Introduction to Information Management Fall 2021
- Teaching Assistant. User Research: Methods and Practice Fall 2020

## HONORS & AWARDS

- ASIS&T Best Conference Paper, 2025
- Postdoctoral International Academic Exchange Award, 2025
- Bronze Award, National College Student AI × Chinese Classics Innovation Competition (Supervisor), 2025
- Beijing Outstanding Graduate, 2024
- Outstanding Doctoral Student of Peking University, 2024
- National Scholarship, 2023
- Peking University Academic Innovation Award, 2022
- Peking University Academician Yang Fuqing-Wang Yangyuan Scholarship, 2021
- Peking University Excellence in Scientific Research Award, 2021
- SIGIR Student Travel Grant, 2021

## INVITED TALKS

- Bringing the Past Alive: Digital Classics, Intelligent Dialogue, and Creative Generation, *KU-KADH International Conference on Digital Humanities*, Seoul, Korea, October 21, 2025.
- Conceptualizing Data Behavior: Bridging Data-Centric and User-Centric Approaches, *ASIS&T'23 Panel*, London, UK, October 30, 2023.
- Integration and Visualization of Diachronic Chinese Ancient Book Catalogs, *Global Chinese PhD Forum on Digital Humanities*, virtual, March 18, 2023.
- Designing Digital Products for Chinese Classics, *Tsinghua University Forum on Exploring New Domains in Digital Humanities*, virtual, December 10, 2022.
- Information Visualization Design and Applications in Digital Humanities, *National Forum for Doctoral Students in Information Science*, virtual July 31, 2022.

## SERVICE

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### Service to Community

- Journal reviewer, Electronic Library
- Journal reviewer, Digital Scholarship in the Humanities
- Reviewer, ASIS&T'23, 24, 25
- Reviewer, iConference'25, 26
- Reviewer, CHI'24, 25
- Reviewer, CUI'24

### Service to Peking University

- Co-Organizer. AI Creative Forum, International Conference on Digital Humanities for East Asia Classics. 2025
- Co-Organizer. PKU-Harvard-Princeton International Joint Summer Workshop on Digital Humanities. 2023
- Assistant Curator. Peking University Digital Humanities Exhibition. 2022

### Membership

- ASIS&T
- ACM SIGCHI