Ke-Rou Wang (Elyse)

Postdoctoral Fellow, Ph.D. in Informatics

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Educational Background

Aug 2020 – May 2026 **Doctor of Philosophy in Informatics**
University of Illinois at Urbana-Champaign, School of Information Sciences *(GPA: 3.98)*

Aug 2018 – May 2020 **Master of Science in Information Management**
University of Illinois at Urbana-Champaign (UIUC), School of Information Sciences *(GPA: 4.00)*

Sep 2011 – Nov 2013 **Master of Science in Music Technology**
National Chiao-Tung University (NCTU), Sound and Music Innovative Technology

Sep 2007 – May 2011 **Bachelor of Arts in Music**
National Tsing-Hua University (NTHU), School of Music

(Originally: National Hsinchu University of Education, Major in Piano Performance)

Professional Experience

Aug 2026 – Present **Adjunct Postdoctoral Fellow**
National Tsing-Hua University, Research Center for Music, Technology and Health

Jan 2021 – May 2026 **Graduate Teaching Assistant**
University of Illinois at Urbana-Champaign, School of Information Sciences

- *IS 504 Sociotechnical Information Systems*
- *IS 467 Ethics and Policy for Data Science*
- *IS 467 Data Storytelling*
- *IS 316 Design of Usable Interface*
- *IS 226 Introduction to HCI*
- *IS 204 Research Design in the Information Sciences*

Jan 2020 – Dec 2020 **Graduate Research Assistant**
University of Illinois at Urbana-Champaign, School of Information Sciences & College of Media

- *LifeSafe Mobile App for Higher Institutions in the U.S*
- *SaferIllinois App for UIUC*
- *UC Irvine Library Chatbot*
- *Analysis of Political Discourse on Twitter (College of Media)*

Dec 2013 – July 2015 **Project Assistant**
National Chiao-Tung University, Architecture Institute

Honors, Recognitions, and Outstanding Achievements

Jan 2026	UIUC Facilitating Learning Excellence Award
Jan 2026	UIUC Informatics, Dissertation Support Fund
Jan 2025	Sigma Xi Associated Membership
Jan 2021	Phi Kappa Phi Membership

Professional Services

2026	**Reviewer.** ACM CHI Conference on Human Factors in Computing Systems
2025 - Present	**Reviewer.** iSchool Annual Conference (iConference)

Invited Lectures, Talks, and Invited Conference Presentations

Sep 2026	"Evaluating AI-Generative Music in Creativity" National Tsing-Hua University, College of Electrical Engineering and Computer Science
May 2026	"AI, Music, Creativity" Taipei National University of the Arts, Music and Image Trans-disciplinary Program
Oct 2025	"Evaluating AI-Generative Music in Creativity" UIUC, iSchool 2025 Research Showcase
Sep 2025	"Evaluating AI-Generative Music in Creativity" UIUC, IS 316 Design of Usable Interface
May 2021	"Exploring commenting behavior in the COVID-19 super-topic on Weibo" CHI Conference on Human Factors in Computing Systems 2021

Publications

Wang, K. R (2026) Evaluating AI-Generative Music in Creativity: From Machine-Centric to Human-Centric, Ph.D. Thesis, advised by Prof. Sever Tipei & Prof. Jessie Chin. School of Information Sciences, UIUC.

Chen, Y., **Wang, K. R.**, Xu, W., Huang, Y. (2021). Exploring commenting behavior in the COVID-19 super-topic on Weibo. In Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems (pp. 1–7).

Ming, S., Mayfield, R. D., Cheng, H., **Wang, K. R**., Huang, Y. (2021). Examining interactions between community members and university safety organizations through community-sourced risk systems. Proceedings of the ACM on Human-Computer Interaction, 5(CSCW1), 1-23.

Wang, K. R (2013) Design and implementation of auxiliary performing interface based on EEG, Master's Thesis, Advised by Prof. Yu-Chung Tseng