

## Research Interests

I study how to steer the impact of language to improve human well-being. I enjoy building systems and studying people. I work on personalizing language media arts (e.g., lyrics, scripts) to user contexts by leveraging generative AI.

## Education

### Ph.D. in Technology and Social Behavior

Sept. 2021 - Present

*Joint Ph.D. program in Computer Science and Communication Studies (GPA: 4.0/4.0)*

Northwestern University, Evanston, IL, USA

Advisor: Dr. Matthew Kay

### M.Phil. in Computer Science and Engineering

Sept. 2018 - Nov. 2020

Hong Kong University of Science and Technology, Hong Kong SAR

Advisor: Dr. Xiaojuan Ma, Committee: Dr. Pan Hui and Dr. Dongwon Lee

### B.S. in Business Administration

Mar. 2012 - Feb. 2018

### B.S. in Computer Science and Engineering

Hanyang University, Seoul, Republic of Korea

## Previous Experience

**KAIST Interaction Lab** (KIXLAB), Daejeon, Republic of Korea

Jan. 2021 - Jun. 2021

Researcher | Mentor: Dr. Juho Kim

## Publications

### Conference Proceedings and Journal Articles

[c.6] Authors' Values and Attitudes Towards AI-bridged Scalable Personalization of Creative Language Arts.

**Taewook Kim**, Hyomin Han, Eytan Adar, Matthew Kay, John Chung.

ACM CHI 2024. (*Conditionally accepted* | Acceptance rate: 26.3%)

[c.5] Opportunities in Mental Health Support for Informal Dementia Caregivers Suffering from Verbal Agitation.

**Taewook Kim**, Hyeok Kim, Angela Roberts, Maia Jacobs, Matthew Kay.

ACM CSCW 2024. (*To appear*)

[c.4] RLens: A Computer-aided Visualization System for Supporting Reflection on Language Learning under Distributed Tutorship.

Meng Xia, Yankun Zhao, Jihyeong Hong, Mehmet Hamza Erol, **Taewook Kim**, Juho Kim.

ACM L@S 2022.

[c.3] Love in Lyrics: An Exploration of Supporting Textual Manifestation of Affection in Social Messaging.

**Taewook Kim**, Jung Soo Lee, Zhenhui Peng, and Xiaojuan Ma.

ACM CSCW 2019. (Acceptance rate: 31.2%)

[c.2] Understanding and Modeling User-Perceived Brand Personality from Mobile Application UIs.

Ziming Wu, **Taewook Kim**, Quan Li, and Xiaojuan Ma.

ACM CHI 2019. (Acceptance rate: 23.8%)

[c.1] Mediating Color Filter Exploration with Color Theme Semantics Derived from Social Curation Data.

Ziming Wu, Zhida Sun, **Taewook Kim**, Manuele Reani, Caroline Jay, and Xiaojuan Ma.

ACM CSCW 2018. (Acceptance rate: 26.1%)

[j.1] Multidimensional Analysis of Consumers' Opinions from Online Product Reviews.  
**Taewook Kim**, Dong Sung Kim, Donghyun Kim, and Jong Woo Kim.  
Asia Pacific Journal of Information Systems. Vol. 29, No. 4, (December 2019)

### ***Extended Abstracts: Posters and Workshops***

[w.1] Rawal: A Reflection Assistant with Active Listening for Peer Support Chats.  
Ryan Louie, **Taewook Kim**, Zhenhui Peng.  
ACM CHI 2023 Workshop on Self-Reflection Technologies.

[p.4] Opportunities to Support Communal Experiences of Deaf and Hard-of-Hearing People in Live Popular Music Concerts.  
Hyomin Han, **Taewook Kim**.  
ACM GROUP 2022 Poster.

[p.3] Facilitating Continuous Text Messaging in Romantic Encounters Online by Expanded Keywords Enumeration.  
**Taewook Kim**, Qingyu Guo, Hyeonjae Kim, Wenjie Yang, Meiziniu Li, Xiaojuan Ma.  
ACM CSCW 2022 Poster.

[p.2] Improving Readers' Awareness of Divergent Viewpoints by Displaying Agendas of Comments in Online News Discussions.  
**Taewook Kim**, Hyunwoo Kim, Juho Kim, and Xiaojuan Ma.  
ACM CSCW 2021 Poster.

[p.1] GremoBot: Exploring Emotion Regulation in Group Chat.  
Zhenhui Peng, **Taewook Kim**, and Xiaojuan Ma.  
ACM CSCW 2019 Poster.

## **Magazine Article**

[m.1] Literature and AI - Expecting Roles of Bridging Writers and Readers.  
John Joon Young Chung, **Taewook Kim**.  
The Poet's Notebook (A Quarterly Magazine): Summer, 2023.

## **Awards & Honors**

### **Fellowships**

NU Advanced Cognitive Science Fellowship	2023 - 2024
NU Design Cluster Fellowship	2022 - 2023
NU Graduate Fellowship	2021 - 2022

## **Services**

<b>Reviewer</b> (★) <i>Special Recognitions for Outstanding Reviews</i>	
ACM CHI, ★ (2022), ★ (2023), ★ (2024)	2019 - Present
ACM CSCW, ★ (2022), ★ (2023)	2021 - Present

### **Student Volunteer**

ACM CHI	2022
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## **References**

**Matthew Kay**, Associate Professor  
Northwestern University  
[mjskay@northwestern.edu](mailto:mjskay@northwestern.edu)

**John Chung**, Research Scientist  
Midjourney  
[jchung@midjourney.com](mailto:jchung@midjourney.com)