

# Taewook Kim

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## Research Interests

**Broadly** – Designing/implementing/evaluating systems to facilitate behavior changes in real-time interactions.

**Latently** – Building agent-based interventions (*e.g.*, voice assistant systems); Emotional support; Mental health support

## Education

**Ph.D. in Technology and Social Behavior** Sept. 2021 - Present  
*Joint Ph.D. program in Computer Science and Communication Studies*  
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  
Advisor: Dr. Jong Woo Kim

## Employment

**KAIST Interaction Lab** (KIXLAB), Daejeon, Republic of Korea Jan. 2021 - Jun. 2021  
Researcher  
PI: Dr. Juho Kim  
• Published a poster paper at CSCW 2021 [p.2] and a full paper at L@S 2022 [c.4].

**2nd Infantry Division**, Camp Casey, The United States Army Jun. 2013 - Jan. 2015  
Commander's Translator / Rank: E-5 Sergeant  
Supervisor: CPT Gregory Gemedischew (Honorably discharged as MAJ)  
• Served as a Korean-English translator and graduated from the Wightman NCO Academy WLC program.

## Referred Publications

### *Conference Proceedings and Journal Articles*

[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.

[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.

[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.

[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.

## **Awards & Honors**

### **Fellowships**

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

### **Special Recognitions for Outstanding Reviews**

ACM CHI	2022, 2023
ACM CSCW	2022, 2023

## **Academic Services**

### **Reviewer**

ACM CHI	2019 - Present
ACM CSCW	2021 - Present

### **Student Volunteer**

ACM CHI	2022
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## **References**

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

**Darren Gergle**, Professor  
Northwestern University  
[dgergle@northwestern.edu](mailto:dgergle@northwestern.edu)