Taewook Kim taewook@u.northwestern.edu • taewookkim.com

Research Interests

I build and evaluate interactive tools to facilitate imbuing societal values (e.g., love, sincerity) in language.

Education

Ph.D. in Technology and Social Behavior   Sept. 2021 – Present
Joint Ph.D. in Computer Science and Communication Studies (GPA: 4.0/4.0)
Northwestern University, Evanston, IL, USA
Advisor: Matthew Kay

M.Phil. in Computer Science and Engineering   Sept. 2018 – Nov. 2020
Hong Kong University of Science and Technology, Hong Kong SAR
Advisor: Xiaojuan Ma, Committee: Pan Hui and Dongwon Lee

B.S. in Business Administration   Mar. 2012 – Feb. 2018
B.S. in Computer Science and Engineering   Military Service: 2013 – 2015
Hanyang University, Seoul, Republic of Korea
Advisor: Jong Woo Kim

Research Internships

Midjourney, Inc., San Francisco, CA   Mar. 2024 - Sept. 2024
Visiting Researcher | Storytelling Lab
Mentor: John Joon Young Chung and Max Kreminski

Accenture Labs, San Francisco, CA   Jun. 2024 - Sept. 2024
Visiting Researcher | Digital Experiences R&D group
Mentor: Manaswi Saha and Jordan Ackerman

KAIST Interaction Lab (KIXLAB), Daejeon, Republic of Korea   Jan. 2021 - Jul. 2021
Researcher
Mentor: Juho Kim

Academic Publications

Refereed Conference Proceedings and Journal Articles (fully reviewed, archival) – 2 papers under review

[C.7] **MentalImager: Exploring Generative Images for Assisting Support-Seekers' Self-Disclosure in Online Mental Health Communities**
Han Zhang, Jiaqi Zhang, Yuxiang Zhou, Ryan Louie, <u>Taewook Kim</u>, Qingyu Guo, Shuailin Li, Zhenhui Peng
ACM CSCW 2025 (Acceptance after major revision)

[C.6] **Authors' Values and Attitudes Towards AI-bridged Scalable Personalization of Creative Language Arts**
<u>Taewook Kim</u>, Hyomin Han, Eytan Adar, Matthew Kay, John Joon Young Chung
ACM CHI 2024 (Acceptance rate: 26.3%)
Best paper honorable mention (top 5% among 4,028 submissions)

[C.5] **Opportunities in Mental Health Support for Informal Dementia Caregivers Suffering from Verbal Agitation**
Taewook Kim, Hyeok Kim, Angela C. Roberts, Maia Jacobs, Matthew Kay
ACM CSCW 2024

[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%)

Extended Abstracts: Posters and Workshops (lightly reviewed)

[E.6] **Transforming Language to Improve Human Communication**
Taewook Kim, Duri Long
ACM CSCW 2024 Workshop on Envisioning New Futures of Positive Social Technology

[E.5] **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

[E.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

[E.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

[E.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

[E.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

School of Communication Graduate Fellowship, Northwestern   2024 - 2025
Best Paper Honorable Mention, ACM CHI 2024, [c.6]   2024
Advanced Cognitive Science Fellowship, Northwestern   2023 - 2024
Design Cluster Fellowship, Northwestern   2022 - 2023
Computer Science Graduate Fellowship, Northwestern   2021 - 2022

Teaching Experiences

Human-Computer Interaction (COMP 4461), HKUST   Fall 2019
Teaching Assistant | Lecturer: Xiaojuan Ma

Design and Analysis of Algorithms (COMP 3711), HKUST   Spring 2019
Teaching Assistant | Lecturer(s): Mordecai J. Golin & Xiaojuan Ma

Academic Services

Reviewer (⋆) *Special Recognitions for Outstanding Reviews*
ACM CHI, ⋆ (2022), ⋆ (2023), ⋆ (2024)   2019 - Present
ACM CSCW, ⋆ (2022), ⋆ (2023)   2021 - Present
ACM UIST, ⋆ (2024)   2024 - Present
ACM IUI   2024 - Present

Student Volunteer – ACM CHI   2022

Peer mentor
TSB program buddy   2022 - Present
Northwestern PhD visiting event   2022

References

Matthew Kay, Associate Professor   **John Chung**, Research Scientist
Northwestern University   Midjourney, Inc.
mjskay@northwestern.edu   jchung@midjourney.com