Jaeyoon Song

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INTERESTS

Human-AI Collaboration, Generative AI for Business, Computational Social Science.

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA   Feb 2021 – Present
- Ph.D., Management Science (Information Technology Group)
- Advisor: Prof. Thomas W. Malone
- Grade: 5.0/5.0

Seoul National University, Seoul, South Korea   Mar 2016 – Feb 2021
- B.B.A., Business Administration
- Minor in Computer Science and Engineering
- Grade: Summa Cum Laude

PUBLICATIONS

JOURNAL & CONFERENCE PAPERS

[1] S. Park, J. Song, D. Karger, T. Malone, **Who2chat: A Social Networking System for Academic Researchers in Virtual Social Hours Enabling Coordinating, Overcoming Barriers and Social Signaling**, *ACM SIGCHI Conference on Computer-Supported Cooperative Work Social Computing (CSCW 2024)*.

[2] J. Song, C. Riedl, T. Malone, **Online Mingling: Supporting Ad Hoc, Private Conversations at Virtual Conferences**, *ACM CHI Conference on Human Factors in Computing Systems 2021 (CHI 2021)*.

[3] S. Lee, J. Song, S. Park, J. Kim, J. Kim, and E. Ko, **SolutionChat: Real-time Moderator Support for Chat-based Structured Discussion**, *ACM CHI Conference on Human Factors in Computing Systems 2020 (CHI 2020)*.

[4] D. Shin, J. Song, S. Song, J. Park, J. Lee and S. Jun, **TalkingBoogie: Collaborative Mobile AAC System for Non-verbal Children with Developmental Disabilities and Their Caregivers**, *ACM CHI Conference on Human Factors in Computing Systems 2020 (CHI 2020)*.

[5] J. Song and C. Kim, **What Is Needed for the Sustainable Success of Open Source Software Projects: Efficiency Analysis of Commit Production Process via Git**, *Sustainability* (SCIE/SSCI), vol. 10, no. 9, Aug 2018.

WORKING PAPERS

[6] A. Campero, M. Vaccaro, J. Song, H. Wen, A. Almaatouq, T. Malone, **A Test for Evaluating Performance in Human-AI Systems**, *MIT Working Paper*, 2022.

[7] J. Song, J. Heyman, A. Almaatouq, T. Malone, **Evaluating the Human-AI Synergy for Content Creation**, *Work In Progress*

[8] J. Song, Z. Ashktorab T. Malone, **Togedule: Adaptive Representation of Group Availability Using Large Language Models for Scheduling Meetings**, *Under Review*

POSTERS

[9] J. Song*, K. Choe*, J. Jo, and J. Seo, **SoundGlance: Briefing the Glanceable Cues of Web Pages for Screen Reader Users,** *ACM CHI Conference on Human Factors in Computing Systems (CHI 2019 Late Breaking Work)*, ACM, New York, NY, USA, May 2019.

RESEARCH EXPERIENCE	**Research Intern**, Bosch Research	Jun 2024 – Aug 2024

■ Project: Visual Analytics System for Understanding Model Performance in Videos: The Effects of Dynamic Factors

Research Intern, Kixlab, KAIST   Dec 2018 – Aug 2019

■ Project: Real-time Moderator Support for Chat-based Structured Discussion

Research Intern, HCI Lab, Seoul National University   Jun 2018 – Aug 2018

■ Project: Briefing the Glanceable Cues of Web Pages for Screen Reader Users

TEACHING EXPERIENCE   **Graduate Teaching Assistant**, MIT CSAIL   Sep 2022 – Dec 2022

■ 6.1040 Software Studio (Vue.js, Node.js, MongoDB, Socket.IO, etc.)
■ Average Evaluation Rating: 6.0/7.0

AWARDS & HONORS   **Next Jump Innovation Prize**, MIT Web Lab Competition   2022

■ Built a 3rd place web service among 300+ MIT students

Graduate School Fellowship, MIT Sloan School of Management   2021 – Present

■ Full funding granted by the department for graduate studies

Honorable Mention Award, ACM SIGCHI   2020

■ Selected among the top 5% of paper submissions

Yangyoung Foundation Scholarship, South Korea   2018 – 2020

■ Undergraduate merit-based scholorship

Samsung Convergence Software Course Scholarship, South Korea   2018

■ Award for successfully completing the Samsung Convergence Software Course

Merit-based Scholarship, Seoul National University   2016 – 2017

■ Undergraduate merit-based scholorship

SKILLS   ■ **JavaScript** (React.js, D3.js, React Native, Apollo.js, jQuery, ...)
■ **Python**, R, Ruby on Rails, PostgresQL, Prisma, Figma, LaTeX