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 SIGCHI Conference on Human Factors in Computing Systems 2021 (CHI 2021)*.

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

[4] D. Shin, J. Song, S. Song, J. Park, J. Lee, S. Jun, **TalkingBoogie: Collaborative Mobile AAC System for Non-verbal Children with Developmental Disabilities and Their Caregivers**, *ACM SIGCHI 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*, 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, Z. Ashktorab, Q. Pan, C. Dugan, W. Geyer, T. Malone, **Interaction Configurations and Prompt Guidance in Conversational AI for Question Answering in Human-AI Teams**, *Under Revision, CSCW 2025*.

[8] J. Song, Z. Ashktorab, T. Malone, **Togedule: Adaptive Representation of Group Availability Using Large Language Models for Scheduling Meetings**, *Under Revision, CSCW 2025.*

POSTERS

[9] J. Song*, K. Choe*, J. Jo, and J. Seo, **SoundGlance: Briefing the Glanceable Cues of Web Pages for Screen Reader Users,** *ACM SIGCHI 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