

# Jaeyoon Song

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INTERESTS	Human-AI Collaboration, Online Meetings/Discussions, Computer-Supported Cooperative Work, Human-Computer Interaction.	
EDUCATION	Massachusetts Institute of Technology, Cambridge, MA, USA	2021 – Present
	<ul style="list-style-type: none"><li>▪ Ph.D., Management Science</li><li>▪ Information Technology Group</li><li>▪ Expected Graduation Date: Feb 2026</li></ul>	
	Seoul National University, Seoul, Korea, Republic of	2016 – 2020
	<ul style="list-style-type: none"><li>▪ B.B.A., Business Administration</li><li>▪ Computer Science and Engineering (Minor)</li></ul>	
EXPERIENCE	Kixlab, Korea Advanced Institute of Science and Technology	Dec 2018 – Feb 2019, Jun 2019 – Aug 2019
	<ul style="list-style-type: none"><li>▪ Undergraduate Research Intern<ul style="list-style-type: none"><li>• Advisor: Prof. Juho Kim</li></ul></li></ul>	
	Human-Computer Interaction Lab, Seoul National University	Jun 2018 – Aug 2018
	<ul style="list-style-type: none"><li>▪ Undergraduate Research Intern<ul style="list-style-type: none"><li>• Advisor: Prof. Jinwook Seo</li></ul></li></ul>	
PUBLICATIONS	REFEREED CONFERENCE PAPERS	
	<ul style="list-style-type: none"><li>[1] J. Song, C. Riedl, T. Malone, <b>Online Mingling: Supporting Ad Hoc, Private Conversations at Virtual Conferences</b>, <i>ACM CHI Conference on Human Factors in Computing Systems 2021 (CHI 2021)</i>, to appear.</li><li>[2] S. Lee, J. Song, S. Park, J. Kim, J. Kim, and E. Ko, <b>SolutionChat: Real-time Moderator Support for Chat-based Structured Discussion</b>, <i>ACM CHI Conference on Human Factors in Computing Systems 2020 (CHI 2020)</i>.</li><li>[3] D. Shin, J. Song, S. Song, J. Park, J. Lee and S. Jun, <b>TalkingBoogie: Collaborative Mobile AAC System for Non-verbal Children with Developmental Disabilities and Their Caregivers</b>, <i>ACM CHI Conference on Human Factors in Computing Systems 2020 (CHI 2020)</i>.</li></ul>	
	REFEREED JOURNAL PAPERS	
	<ul style="list-style-type: none"><li>[4] J. Song and C. Kim, <b>What Is Needed for the Sustainable Success of Open Source Software Projects: Efficiency Analysis of Commit Production Process via Git</b>, <i>Sustainability (SCIE/SSCI)</i>, vol. 10, no. 9, Aug 2018.</li></ul>	

## POSTERS

- [5] 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.

## WORK IN PROGRESS

- [6] A. Campero\*, M. Vaccaro\*, J. Song, H. Wen, A. Almaatouq, and T. Malone, **A Test for Evaluating Performance in Human-Computer Systems Submitted to Management Science**.
- [7] J. Song and T. Malone, **Togedule: Adaptive representation of group availability for scheduling meetings Submitted to CHI 2023**.

SCHOLARSHIPS	<b>Yangyoung Foundation Scholarship</b>	2018 – Present
	<ul style="list-style-type: none"> <li>Based on both merit and need.</li> </ul>	
	<b>Samsung Convergence Software Course Scholarship</b>	Jun 2018
	<ul style="list-style-type: none"> <li>Scholarship for successfully finishing the Samsung Convergence Software Course (SCSC) program.</li> </ul>	
	<b>Eminence Scholarship (Full)</b> , Seoul National University	2016 – 2017
	<ul style="list-style-type: none"> <li>Merit-based.</li> </ul>	
HONORS & AWARDS	<b>3rd place Next Jump Human Innovation Prize Winner</b> , MIT Web Lab Competition	Jan 2022
	<ul style="list-style-type: none"> <li>Topic: Supporting the note-taking process in online meetings</li> </ul>	
	<b>Science and ICT Ministry Award</b> , Convergence Research Policy Center	Oct 2020
	<ul style="list-style-type: none"> <li>Awarded by the Minister of Science and ICT.</li> <li>Topic: Facilitating the Social Informal Interactions in Virtual Meetings</li> </ul>	
	<b>Undergraduate Research Grant</b> , Seoul National University	Mar 2019
	<ul style="list-style-type: none"> <li>Granted by SNU Undergraduate Research Program (URP).</li> <li>Topic: Supporting caregivers to collaborate on AAC intervention strategies.</li> </ul>	
	<b>Outstanding Research Award</b> , Seoul National University	Mar 2019
	<ul style="list-style-type: none"> <li>Awarded by Student-Directed Education (SDE) program.</li> <li>Topic: What is needed for the sustainable success of open source software projects?</li> </ul>	
	<b>Top Ten Finalist</b> , Samsung AI Challenge	Sep 2018
	<ul style="list-style-type: none"> <li>Awarded by Samsung Research</li> <li>Topic: Restaurant recommendation service</li> </ul>	
	<b>Grand Prize</b> , Undergraduate Research Presentation Competition	May 2018
	<ul style="list-style-type: none"> <li>Awarded by Korean Production &amp; Operations Management Society (KOPOMS).</li> <li>Topic: Two-stage data envelopment analysis (DEA) on open source software projects</li> </ul>	
	<b>Top Ten Winner</b> , Annual Likelion Ideathon	Jul 2017
	<ul style="list-style-type: none"> <li>Awarded \$1,000 AWS credits by Likelion and Amazon Korea.</li> <li>Topic: An idea of ‘Music of Bullshit,’ an online platform where users can collaboratively compose music with any kind of nonsense sound.</li> </ul>	
	<b>Final Winner</b> , SNU School Service Development Tournament	Feb 2017
	<ul style="list-style-type: none"> <li>Awarded by SNULife—an online student community of Seoul National University.</li> <li>Topic: Shashagungun, a web platform that gathers posters of various school events.</li> </ul>	

<b>WORK EXPERIENCE</b>	<b>Chartmetric</b> , Intern, Front-end Engineering	Aug 2017 – Nov 2017
	<ul style="list-style-type: none"> <li>Chartmetric is a startup based in Palo Alto, providing tools to track, measure, and analyze music big data.</li> <li>At Chartmetric, I worked on front-end engineering and data visualization.</li> </ul>	
	<b>BigPearl</b> , Founding member, Front-end Engineering	Mar 2017 – Jul 2017
	<ul style="list-style-type: none"> <li>BigPearl is a MarTech startup that support advertisers to search for influencers and run ad campaigns.</li> <li>At BigPearl, I participated in front-end engineering.</li> </ul>	
<b>OTHER PROJECTS</b>	<b>Likelion</b> , Web Programming Club, Seoul National University	Mar 2016 – Jun 2018
	<ul style="list-style-type: none"> <li>In Likelion, I tutored peer students on basic web programming.</li> </ul>	
	<b>SuggestBot</b> , Kixlab project	Dec 2018 – Feb 2019
	<ul style="list-style-type: none"> <li>A crowdsourcing interface that collects evidence of a piece of online discussion from IAC dataset.</li> </ul>	
	<b>Real-time Annotation for Video Chat through Collaborative Tagging</b>	Dec 2018 – Feb 2019
	<ul style="list-style-type: none"> <li>Designing a system that summarizes a video chat in real-time.</li> </ul>	
	<b>Six Degrees of Jaeyoon Song</b> , Individual assignment for ‘Design Thinking’ class	Oct 2018 – Nov 2018
	<ul style="list-style-type: none"> <li>A visualization of my relationships on Facebook using d3.js.</li> </ul>	
	<b>Are Refugees Dangerous?</b> , Individual assignment for ‘Design Thinking’ class	Oct 2018 – Nov 2018
	<ul style="list-style-type: none"> <li>An infographic indicating what people think, what data say, and what media highlight about refugees.</li> </ul>	
	<b>Korean Independence Movement</b> , Team assignment for ‘HCI’ class	May 2018 – Jun 2018
	<ul style="list-style-type: none"> <li>A visualization of Korean Independence Movement created by d3.js.</li> </ul>	
	<b>The Cube</b> , Personal project	Oct 2017 – Nov 2017
	<ul style="list-style-type: none"> <li>My previous portfolio website to work as a freelance UX engineer.</li> </ul>	
	<b>Shashagungun</b> , Personal project	Dec 2016 – Feb 2017
	<ul style="list-style-type: none"> <li>A web platform using Ruby on Rails that gathers posters of various school events.</li> </ul>	
<b>SKILLS</b>	<b>LANGUAGES</b>	
	<ul style="list-style-type: none"> <li>Korean: Native proficiency.</li> <li>English: Full professional proficiency. <ul style="list-style-type: none"> <li>GRE - Verbal 164 / Quantitative 170 / Writing 4.5 (Oct 2019)</li> </ul> </li> <li>Japanese: Intermediate (reading); basic (speaking, writing). <ul style="list-style-type: none"> <li>JLPT - N2 (Jan 2014)</li> </ul> </li> </ul>	
	<b>PROGRAMMING</b>	
	<ul style="list-style-type: none"> <li><b>JavaScript</b> (D3.js, React.js, TweenLite.js, jQuery, ...)</li> <li>Ruby on Rails, SASS/SCSS, Python, Java, C++</li> </ul>	
	<b>OTHERS</b>	
	<ul style="list-style-type: none"> <li>Sketch App, Adobe Photoshop, <math>\LaTeX</math>, Microsoft Word, Microsoft Excel, Microsoft PowerPoint.</li> </ul>	

[CV compiled on 2022-12-18]