

Jaeyoon Song

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INTERESTS	Social Media, Social Computing, Human-AI collaboration, Computational Social Science.	
EDUCATION	Massachusetts Institute of Technology , Cambridge, MA, USA	2021 – Present
	▪ Ph.D., Management Science	
	Seoul National University , Seoul, Korea, Republic of	2016 – 2020
	▪ B.B.A., Business Administration, Summa Cum Laude	
	▪ Computer Science and Engineering (Minor)	
PUBLICATIONS	REFEREED CONFERENCE PAPERS	
	[1] J. Song, C. Riedl, T. Malone, Online Mingling: Supporting Ad Hoc, Private Conversations at Virtual Conferences , <i>ACM CHI Conference on Human Factors in Computing Systems 2021 (CHI 2021)</i> , to appear.	
	[2] S. Lee, J. Song, S. Park, J. Kim, J. Kim, and E. Ko, SolutionChat: Real-time Moderator Support for Chat-based Structured Discussion , <i>ACM CHI Conference on Human Factors in Computing Systems 2020 (CHI 2020)</i> .	
	[3] 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 , <i>ACM CHI Conference on Human Factors in Computing Systems 2020 (CHI 2020)</i> .	
	REFEREED JOURNAL PAPERS	
	[4] 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 , <i>Sustainability (SCIE/SSCI)</i> , vol. 10, no. 9, Aug 2018.	
	POSTERS	
	[5] J. Song*, K. Choe*, J. Jo, and J. Seo, SoundGlance: Briefing the Glanceable Cues of Web Pages for Screen Reader Users , <i>ACM CHI Conference on Human Factors in Computing Systems (CHI 2019 Late Breaking Work)</i> , ACM, New York, NY, USA, May 2019.	
	*equal contribution	
RESEARCH EXPERIENCE	Center for Collective Intelligence , MIT	Jun 2020 – Present
	▪ Research Affiliate	
	• Advisor: Prof. Thomas Malone	
	Kixlab , Korea Advanced Institute of Science and Technology	Dec 2018 – Feb 2019,
	▪ Undergraduate Research Intern	Jun 2019 – Aug 2019
	• Advisor: Prof. Juho Kim	

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

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

[CV compiled on 2021-10-16]