

ChungHa Lee

Gwangju Institute of Science and Technology (GIST), versacesai9@gmail.com, chunghalee@gm.gist.ac.kr

PERSONAL WEBSITE

chunghalee.com

ABOUT ME

I'm interested in how technology can interpret and accommodate user behaviors whose intentions are ambiguous or open-ended. My research focuses on how such open-ended interactions can be better understood and supported within users' contexts, particularly in the domains of creativity support tools and multimodal sensory-based interfaces.

EDUCATION

Mar 2023 — Present

Doctor of Science, GIST

Gwangju, KR

*GPF Scholarship (GIST Presidential Fellowship)

Department of AI Convergence

Mar 2021 — Feb 2023

Master of Science, GIST

Gwangju, KR

School of Integrated Technology (Culture Technology Program)

Mar 2016 — Feb 2021

Bachelor of Education, Korea National University of Education

Cheongju, KR

Majored Pedagogy (Double Major: History Education)

CONFERENCE PAPERS

MVPrompt: Building Music-Visual Prompts for AI Artists to Craft Music Video Mise-en-scène

ACM CHI 2025

First Author (*Concept, Paper Writing, Design, Survey, Experiment, Validation*)

Guaranteeing Equitable Musical Collaboration: Lessons Learned from the Music-Making Activities in Mixed-Hearing Groups

ACM CSCW 2025

First Author (*Concept, Paper Writing, Software, Experiment, Validation*)

A Way for Deaf and Hard of Hearing People to Enjoy Music by Exploring and Customizing Cross-modal Music Concepts

ACM CHI 2024

Second Author (*Software, Experiment*)

JOURNAL PAPERS

Enhancing Collaborative Signing Songwriting Experience of the d/Deaf Individuals

International Journal of Human-Computer Studies (2025)

Second Author (*Software, Experiment*)

Interactive Description to Enhance Accessibility and Experience of Deaf and Hard-of-hearing Individuals in Museums

Universal Access in the Information Society (2023)

Second Author (*Software, Survey, Experiment*)

POSTERS

Seeing and Sensing Intention: Resolving Midas Touch with Vision-Motion Fusion in Mixed Reality

ACM UIST 2025

Second Author (*Concept, Paper Writing*)

ARTICLES

New Rules for AI Artists: Creativity Support Tools in the GenAI Era

ACM Interactions

SCHOLARSHIPS

GIST Presidential Fellowship

2023 - 2025

Awarded to the top 2 most outstanding students among the newly admitted students.

PERSONAL PROJECTS

Sep 2023 — Dec 2023	musicolors	npmjs.com
The JavaScript library for real-time visualization using pitch, energy, and timbre of music.		
May 2023 — Aug 2023	DIY-VIZ	github.com
The tool to empower users to customize personalized music visualizations.		
Oct 2022 — Jan 2023	Vinyl	github.com
Pick, rotate, and deep dive into the music.		

NATIONAL RESEARCH PROJECTS

Apr 2025 — Present	AI-based Integrated Authoring Platform for Children's Storytelling Contents	Project Manager
Aug 2024 — Present	Generative AI-Based Human-Robot Collaboration Platform for Domestic Service Robots	Team Member
Jan 2023 — Dec 2023	Multi-sensory Music System and a Music Education Solution for the Hearing Impaired	Project Manager
Jun 2021 — Dec 2023	Assistive Technology to Visualize Music and Dance for the Hearing Impaired to Enjoy Music	Team Member
Jan 2021 — May 2021	Intelligent Exhibition Commentary Text/KSL Conversion Technology for the d/Deaf	Team Member

SERVICES

Aug 2024 — Present	Reviewer for CHI 2025, CHI 2026 Paper Track	ACM
Oct 2025 — Present	Reviewer for HRI 2026 Paper Track	ACM
May 2025 — Jul 2025	Program Committee for CSCW 2025 Poster Track	ACM
Aug 2024 — Jul 2025	Reviewer for CSCW 2025 (July & October Cycle) Paper Track	ACM
Sep 2024 — Dec 2024	Teaching Assistant: Intelligent Agent (AI6310-01) Teaching, Class Management, Grade Management	GIST
Sep 2023 — Dec 2023	Teaching Assistant: AI Core Technology Based Project (AI4028-01) Class Management, Student Supervision	GIST

SKILLS	Academic Writing	Experienced	Web-Dev: JavaScript, Flask, Python, HTML/CSS	Experienced
	User Study Design, Qualitative & Quantitative Analysis	Experienced	Presentation Skills	Experienced

LANGUAGES	English	Highly proficient	Korean	Native speaker
------------------	---------	-------------------	--------	----------------