

Jongik Jeon | Design Researcher & Engineer

South Korea, May 06 1998, matjislth@gmail.com

Profile

I am an ideator and maker, delving into the fields of tangible interface, novel interaction and auditory experience. I specialize in harnessing new technologies and transforming futuristic ideas into real-world applications.

Links

[Personal website](#)

[LinkedIn](#)

Education

Mar 2017 — Feb 2024	Korea Advanced Institute of Science and Technology (KAIST), South Korea Industrial design & Culture technology
Jan 2020 — Mar 2020	KTH Royal Institute of Technology, Sweden Industrial design (exchange student)

Research

Jan 2023 — Present	Affective Systems and Cognition Lab Novel sound interaction system by spraying sound in the air	KAIST, South Korea
Jun 2023 — Present	DLX Design Lab Robotic in-car accessory for semi-autonomous vehicles	University of Tokyo, Japan
Mar 2022 — Dec 2022	SketchLab AI diary that plays emotion-responsive music	KAIST, South Korea
Jan 2022 — Mar 2022	Music and Audio Computing Lab Automatic emotional classification of video game music	KAIST, South Korea

Publications

Oct 2023	SoundMist: Novel Interface for Spatial Auditory Experience Jongik Jeon, Chang Hee Lee	UIST '23 Poster
Dec 2022	YM2413-MDB: A Multi-Instrumental FM Video Game Music Dataset with Emotion Annotations Eunjin Choi, Yoonjin Chung, Seolhee Lee, Jongik Jeon , Taegyun Kwon, Juhan Nam	ISMIR '22

Skills

Physical computing; Rapid prototyping; Audio processing

Softwares: Fusion 360, Figma, Illustrator, Corel Draw, Praat, Logic Pro

Coding languages: Python, Javascript, Java, Arduino, Processing, p5js, Chuck

Project management; User research; Design thinking; Ideation

Experiences

Jul 2019 — Present

Fabrication lab technician

Managing digital fabrication equipments in fabrication facility

Mar 2022 — Dec 2022

Exhibition coordinator

Coordinating the design exhibition in Dongdaemun Design Plaza

Jul 2020 — Jan 2022

Republic of Korea Marine Corps.

Operating vulcan cannon, as a soldier under military service

Awards

Nov 2023

KAIST Q-day Special Award

Mar 2023

College of Engineering Leadership Award

Dec 2022

Graduation exhibition Excellence Award

Jul 2022

KAIST-ICL Hackathon Runner-up

Jul 2021

Best Military Cultural Innovation Idea

Jan 2020

KAIST Alumni Scholarship

Dec 2019

Dean's List

Languages

English fluent

Japanese basic

Korean native