

Jongik Jeon, Tangible interaction designer

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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, ChuckK 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