

# 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 LabKAIST, South Korea  
Novel sound interaction system by spraying sound in the air

Jun 2023 — Present

DLX Design LabUniversity of Tokyo, Japan  
Robotic in-car accessory for semi-autonomous vehicles

Mar 2022 — Dec 2022

SketchLabKAIST, South Korea  
AI diary that plays emotion-responsive music

Jan 2022 — Mar 2022

Music and Audio Computing LabKAIST, South Korea  
Automatic emotional classification of video game music

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

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## 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**

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## 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

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## 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**

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## Languages

**English**    fluent

**Japanese**    basic

**Korean**    native