

# 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	<b>Korea Advanced Institute of Science and Technology (KAIST), South Korea</b> Industrial design & Culture technology
Jan 2020 — Mar 2020	<b>KTH Royal Institute of Technology, Sweden</b> Industrial design (exchange student)

Research

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

Publications

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

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<b>Skills</b>	<b>Physical computing; Rapid prototyping; Audio processing</b> Softwares: Fusion 360, Figma, Illustrator, Corel Draw, Praat, Logic Pro Coding languages: Python, Javascript, Java, Arduino, Processing, p5js, Chuck <b>Project management; User research; Design thinking; Ideation</b>
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<b>Experiences</b>	
Jul 2019 — Present	<b>Fabrication lab technician</b> Managing digital fabrication equipments in fabrication facility
Mar 2022 — Dec 2022	<b>Exhibition coordinator</b> Coordinating the design exhibition in Dongdaemun Design Plaza
Jul 2020 — Jan 2022	<b>Republic of Korea Marine Corps.</b> Operating vulcan cannon, as a soldier under military service

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<b>Awards</b>	
Nov 2023	<b>KAIST Q-day President’s Special Award</b>
Mar 2023	<b>College of Engineering Leadership Award</b>
Dec 2022	<b>Graduation exhibition Excellence Award</b>
Jul 2022	<b>KAIST-ICL Hackathon Runner-up</b>
Jul 2021	<b>Best Military Cultural Innovation Idea</b>
Jan 2020	<b>KAIST Alumni Scholarship</b>
Dec 2019	<b>Dean’s List</b>

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<b>Languages</b>	<b>English</b> fluent	<b>Japanese</b> basic	<b>Korean</b> native
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