



김지원 (Jiwon Kim)

Experience Maker

Born in Gumi, South Korea, 1999

Work in Daejeon / Seoul, South Korea

Education

Master of Engineering (Industrial Design), KAIST (GPA 3.90 / 4.3)

Advisor: Prof. Andrea Bianchi, [make::lab](#)

Daejeon, South Korea

September 2023 — August 2025

Bachelor of Arts (Painting), Hongik University (GPA 4.12 / 4.5)

Seoul, South Korea

March 2018 — February 2023

Courses

Educational Exchange, International Summer Course, Technical University of Darmstadt

Darmstadt, Germany

June 2024 — July 2024

Educational Exchange, BA (Hons) Fine Art, Arts University Bournemouth

Bournemouth, UK

January 2022 — June 2022

IOT computer programming and modeling short courses, Hongik University

Seoul, South Korea

August 2020 — September 2020

Awards

2025 IDEA Bronze Award, Industrial Designers Society of America

"Oxynizer: Sustainable & Non-electric Oxygen generator"

2024 James Dyson Award Global top 20 (Korea Winner), The James Dyson Foundation

"Oxynizer: Sustainable & Non-electric Oxygen generator"

2024 Prototype for Humanity top 100, Dubai Future Foundation

"Oxynizer: Sustainable & Non-electric Oxygen generator"

2024 AI x Art Hackathon 3rd Place, Seoul National University

"Speculative Artificial-Mycorrhizal Networks"

Publications

2024 "Where should we put wearable batteries for better usability?", Dissertation in HCI Korea

Hongcheon, South Korea

Work Experiences

Partner researcher at ITRC in KAIST

Daejeon, South Korea

August 2024 — August 2025

Introduced an XR-based music practice tool leveraging fiducial markers

Project name: "SpaceTop: Spatial Computing HCI Technology for Delivering XR Productivity Spaces Everywhere"

Partner researcher at NRF (National Research Foundation) in KAIST

Daejeon, South Korea

October 2023 — August 2025

Participated as a general chair of XR music concert workshops and seminars

Created a [website](#) for introducing and organizing the project

Project name: "Listening Through the Body: Combining Visual, Auditory, and Haptic Interaction While Designing a Concert Space for XR"

Work Experiences

UX Researcher at NH Investment & Securities Co., Ltd Research center in KAIST (Industry-Academia)

Daejeon, South Korea

January 2024 - June 2024

Identified pain points in virtual investment experiences and AI agent-assisted investment services through thematic coding

Delivered user scenarios and storyboards with drawing skills, presenting evaluation results

Intern curator at Alternative Space LOOP

Seoul, South Korea

June 2021 — August 2021

Artwork installation management, artist research, and press management

Art teacher at Hongik University Middle School

Seoul, South Korea

May 2021 — December 2021

Introducing artist's works, demonstrating art using various medium, and engaging student's interest in art

Skills

Design tools

Proficient

Adobe suite (Photoshop, Illustrator, Premiere pro, and Indesign), Figma, and Notion

Painting & Drawing

Proficient

Traditional and Digital

Design Research

Proficient

Statistical analysis (SPSS, Python), Focus groups, Surveys, Thematic analysis, Usability testing, and Cultural probe

Programming

Intermediate

Python, Arduino (C++), and Web Programming Experience (Ruby)

3D modeling & 3D printing

Intermediate

Fusion 360, Rhino, and 3D MAX

Art tutoring & Art event management

Intermediate

Art teacher, Gallery intern, and Exhibititon management

Audio engineering

Basic

Ableton and MAX msp

Languages

Korean

fluent

Mother language

English

fluent

Proficient in academic discourse

OPIC IH (2025) TOEIC 920 (2024) TOEFL 102 (2021)

Japanese

fluent

Proficient in daily conversation