

Jungwoo Rhee

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Education

September 2025 - Current

KAIST PhD Industrial Design (HCI)

Advisor: Prof. Andrea Bianchi

August 2023 - August 2025

KAIST MSc Industrial Design (HCI)

Thesis: Designing Fluid, Environmentally Adaptive XR Interfaces for Responsive, Situated Interactions

Advisor: Prof. Andrea Bianchi

March 2018 - August 2023

Kookmin University BFA Spatial Design, Minor in Software

August 2021 - December 2021

Northeastern Illinois University

International Student Exchange Program in Art+Design

Publications

CHI 2026

Wire Your Way: Hardware-Contextualized Guidance and In-situ Tests for Personalized Circuit Prototyping

Punn Lertjaturaphat*, **Jungwoo Rhee***, Jaewon You, Andrea Bianchi.

CHI 2026

Gaze and Speech in Multimodal Human-Computer Interaction: A Scoping Review

Anam Ahmad Khan, Florian Weidner, **Jungwoo Rhee**, Yasmeen Abdrabou, Andrea Bianchi, Eduardo Velloso, Hans Gellersen, Joshua Newn.

2024

Going to Daiso: UX research report for a retail brand

Book / UX REVIEW Research Lab. UX REVIEW.

2024

How Professionals Use Visual Asset Management: An Exploration Through Interviews

Conference Paper / Jungwoo Rhee, Andrea Bianchi. HCI Korea 2024.

Funded Projects

December 2025 - Current

NH Investment & Securities Co., Ltd

Interactive Investment Onboarding Scenarios powered by generative AIs

October 2025 - Dec 2025

Electronics and Telecommunications Research Institute

Haptic Interface Designs to Guide Blind or Low-vision for Walking Scenarios

November 2024 - Current

National Research Foundation of Korea (3 years)

with KTH Royal Institute of Technology and Uppsala University, Sweden / Soma Design
Interaction With Soft Haptics

July 2024 - Current

ITRC - SpaceTop Research Center (8 years)

supervised by IITP / Spatial Computing HCI Technology for Everywhere XR Productivity
Workstation

November 2024 - March 2025

NH Investment & Securities Co., Ltd

AI Red-teaming Strategies for Reflective Investment Scenarios

May 2024 - Current

National Research Foundation of Korea (3 years)

with SUSTech, China / Listening Through the Body: Combining Visual, Auditory, and Haptic
Interaction for Designing a Concert Space for XR

September 2023 - November 2024

NH Investment & Securities Co., Ltd

Investment Spatial Interaction Designs for Virtual Reality Environment

Academic Service

UIST 2025

Assistant to PC

CHI 2025, UIST 2025

Student Volunteer

Work Experience

April 2025 - July 2025

Product Designer *Fliption Inc.*

Designed end-to-end user-side experience and interface for an AI-powered virtual try-on platform, enabling users to generate realistic fashion images.

March 2022 - August 2023

Design Tutor *Litas Corp.*

Instructed 200+ high school and undergraduate students in design principles. Collaborated with 30+ teachers to integrate theory and practical design applications.

December 2020 - February 2021

Web Design Intern *Cherish Co., Ltd*

Designed a dynamic office mock-up with 20+ custom furniture pieces, revamping the company's website to enhance user engagement through 15+ new visuals.

May 2019 - August 2019

Signage Design Researcher Intern *Bluestone Cooperation*

Developed a wayfinding system for a knowledge industry center, improving navigation for 2 buildings with 200+ signage elements.

June 2018 - August 2018

Content Design Intern *Interstella Inc.*

Conducted user preference surveys and created 30+ infographic designs for magazine product launches, enhancing customer understanding of product offerings.

Honors and Awards

August 2024

Ministry Prize of Education

Awarded governmental prize from Promising Student Start-up Team 300+ (Value-Up Track)

June 2023

Grand Prize

Awarded governmental prize from Seoul Open Data Square Mobile App/Web Contest

March 2022

School of Design Scholarship

Awarded 50% Departmental Scholarship for 1 year

Teaching Experience

Fall 2025

Designing Interactions with AI - TA (@KAIST)

Spring 2025

Software Prototyping - TA (@KAIST)

Spring 2024

Graphic Design - TA (@KAIST)

Fall 2023

Interactive Space - TA (@KAIST)

Community Service

September 2024 - December 2024

Korean 2 Teaching Assistant

Supported international students to learn Korean through educational materials. / @KAIST, School of Digital Humanities and Computational Social Sciences

February 2024 - June 2024

Buddy Program

Helped international students adjust to academic and cultural life through language exchange and workshops. / @KAIST, International Scholar and Student Services

March 2023 - June 2023

Global Peers

Helped international students adjust to academic and cultural life through language exchange and workshops. / @Kookmin University, International Affairs Division

July 2022 - November 2022

Creative Technologist

Developed a 3D interactive website to provide seamless exhibition experience between offline and online in the 7th exhibition of the College of Design [Meta DEX]. / @Kookmin University, Department of Spatial Design

March 2019 - August 2019

Traditional Market-University Cooperation

Designed and implemented facades for local stores in the Jeongneung Arirang market via field observations and interviews. / @Kookmin University, LINC+