
JAEIN KIM

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EDUCATION	KAIST , Deajeon, KR Ph.D. in Industrial Design Advisor: Hwajung Hong	2026 - Present
	Brown University , Providence, RI M.A. in Design Engineering. Rhode Island School of Design joint degree - GPA: 4.00 out of 4.00 - Merit Scholarship Recipient	2022-2023
	Korea University , Seoul, Korea B.F.A. in Art & Design, Major in Industrial and Information Design. GPA: 4.08 out of 4.50 (95.8/100)	2016-2021
RESEARCH	Brown University, RISD , Providence, RI Capstone Project: Orca: Empowering Human Drivers in an Autonomous Future <i>Advisor: Prof. Michael Donohue (Brown), Prof. Jennaca Davies (RISD)</i> - Conducted an ethnographic study (N=26) using driver observation, contextual inquiry, and cultural probes to understand how drivers communicate during real-world driving. - Developed a hand-gesture interaction model by synthesizing HCI literature with field observations; findings informed early design principles for portable AR HUDs.	JAN 2023 - MAY 2023
	Rhode Island Department of Health , Providence, RI <i>Advisor: Prof. Andy Law, Prof. Hal Wuertz</i> - Led participatory research (focus groups and interviews, N=20+) with TBI survivors, caregivers, and clinicians to identify sensory, cognitive, and environmental barriers affecting daily participation and self-advocacy. - Co-designed personalized sensory-support tools and service-system concepts addressing sensory overwhelm, cognitive load, and fragmented care environments. - Used qualitative methods (cultural probes, thematic analysis) and presented results to the Rhode Island Department of Health and the state TBI Commission.	NOV 2022 - JAN 2023
	Brown University School of Public Health , Providence, RI MAAPS (Mobility Analysis for Pandemic Prevention Strategies) Project <i>Advisor: Prof. Ian Gonsher</i> - Conducted 16 co-design workshops over 4 months with public health researchers to examine how daily mobility behaviors can be captured for longitudinal analysis. - Designed and evaluated mobile data-collection workflows through iterative prototyping, identifying usability barriers and context-dependent reporting challenges.	JAN 2023 - MAY 2023

Rhode Island School of Design, Providence, RI

SEP 2022 - NOV 2023

Medical Interpreter App: Mediator

Advisor: Prof. Soojung Ham

- Conducted iterative user-centered research (15+ interviews, 7+ testing rounds) with LEP patients and healthcare providers to identify communication gaps in medical encounters.
- Designed and evaluated culturally-responsive mediation features that address misunderstandings beyond literal translation (e.g., visual context for unfamiliar foods, culturally dependent terminology).
- Investigated links between language barriers and adverse medical events, framing design challenges within structural inequities in healthcare.
- Presented research at RISD Science Fair, Providence, RI (Dec 2023)

Korea University Future Convergence Design Lab, Seoul, Korea FEB 2021 - AUG 2021

Research Assistant

Advisor: Prof. Seungmin Park

Samsung Electronics Collaboration: 2035 Mobile UX Futures

- Conducted foresight research on emerging interaction paradigms (AI agents, XR, multimodal interfaces) through literature synthesis, trend analysis, and exploratory interviews.
- Identified long-term HCI research opportunities by analyzing how future mobile experiences may shift across social, sensory, and situational contexts.

Independent Mixed-Methods Study: Social Presence in Videoconferencing

- Designed and conducted a mixed-methods study (N=20) investigating how interface cues influence perceived social presence during remote communication.
- Performed data collection, qualitative coding, and statistical analysis using R, SPSS; produced a research report under faculty supervision.

**PROFESSIONAL
EXPERIENCE**

AgaMatrix Inc., Derry, NH

NOV 2024 - PRESENT

Product Manager

- Led a user-centered redesign of CVS Health's glucose meter portfolio (\$300M+ retail value) by integrating Human Factors Engineering (HFE) findings into product claims, labeling, and artwork. Collaborated with Regulatory Affairs, FDA consultants, and QA to ensure all accessibility-driven changes met 510(k) and HF validation requirements.
 - Coordinated Regulatory Affairs, QA, and FDA consultants to ensure clear, risk-mitigating instructions grounded in HF evidence; streamlined cross-border workflows across 12 teams.
 - Developed Go-to-Market strategy linking HF insights → labeling updates → regulatory compliance for U.S., EU (IVDR), and UK (NHS) markets.
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Product Designer

JAN 2024 - NOV 2024 (Promoted)

- Conducted Human Factors research with diabetes patients to identify usability barriers; translated task errors and comprehension gaps into updated claims and labeling, contributing to improved product performance.
- Collaborated with CRO and RA teams to align HF findings with regulatory documentation for 510(k) submissions.
- Improved PLM workflow, reducing sign-off time by 10% and accelerating launch timelines.

MyMonthly Inc., NYC, NY

JUL 2023 - JAN 2024

Co-Founder, Design Lead

- Led rapid user research using behavioral analytics (heatmaps, session replays) and interviews to identify friction points across onboarding and daily tracking workflows.
- Executed iterative A/B tests that reduced onboarding drop-off by 15% and guided MVP refinement for 300+ beta users.

ConnexioH, Seoul, Korea

JUL 2021 - SEP 2021

UX/UI Designer

- Led end-to-end UX strategy for AI-powered seller tool at early-stage startup, translating Natural Language Processing (NLP) engine capabilities into actionable features. Conducted 20+ user interviews and A/B tests, directly informing MVP scope.

LG Electronics, Seoul, Korea

FEB 2019 - SEP 2019

Intern (Industry-Academic Project)

Advisor: Prof. Seunghun Yoo

- Designed and presented app engagement concepts for Gen Z users based on user behavior analysis; selected as top 20% for executive review.

EXHIBITION

Orca: Human-AV Communication System, 2023 RISD Grad Show, Rhode Island Amica Convention Center, RI, USA, 05.2023

Mediator: Medical Interpreter Application, RISD Science Fair, RI, USA, 05.2022

2022 MADE Exhibition, RISD ID Gallery, RI, USA, 10.2022

2021 K-Design Exhibition, Collaborative Exhibition, Korea, Russia, 02.2021

2020 Human City Design Awards, Seoul DDP, Seoul, Korea, 02.2021

2020 KIID Gradshow, Korea University Centennial Memorial Samsung Hall, Seoul, Korea, 11.2020

AWARDS

2023 Hackathon @Brown, Best First-Time Hack, USA, 01.2023

2020 Human City Design, Design Creative Award, Korea, 01.2021

2020 Busan Public Design Contest, Korea, 08.2020

SKILLS

Research Methods:

Human Factors research, usability testing, co-design workshops, contextual inquiry, ethnographic observation, mixed-methods research, qualitative coding, A/B testing, behavioral analytics.

Analysis & Technical:

SPSS, R, HTML, data visualization.

Design & Prototyping Tools:

Figma, Adobe Creative Suite, Unity, Gravity Sketch, Protopie, Framer, Rhino, Keyshot, Blender, Spark AR, WordPress, Microsoft Office, Jira.

Interests:

Filmmaking, museums, coffee.
