

HEEJU KIM

765.772.6702 | kimheeju.com
heeju.kim@network.rca.ac.uk
Linkedin.com/in/heeju-kim/

SKILLS

Competency

Industrial Design
Rapid Prototyping
Molding/Casting/ Wood/Metal working
2D&3D Fabrication
Design for Mass Manufacturing
Design Research
Interaction Design

Tools

Adobe: AI, PS, ID, AE, PR
CAD: Solidworks, Rhino, AutoCAD
Rendering + animation: Keyshot
Basic circuitry + Arduino

AWARDS

2019 Fast company, Finalist
2019 AE50 Award, Winner
2018 Braun Prize, Highly commended
2017 DRIVENxDESIGN, Gold
2017 IDSA Design Award, Silver
2017 CORE77 Design Award, Notable
2017 iF Design Talanted Award, Winner
2016 Helen Hamlyn Design Award, Winner

EXHIBITIONS

2018 Mirakan Museum, Tokyo, Japan
2017 British Council showcase, Shanghai, China
2017 HAP, Hiroshima, Japan
2016 Global Grad Show, Dubai, UAE
2016 London Design Festival, London, UK
2016 RCA Graduate Show, London, UK

PUBLICATIONS

Heeju K. Zekun C. Kunihiro K. et al. (2019).
2019 CHI Conference on Human Factors in
Computing Systems.
"Kirigami Keyboard: Inkjet Printable Paper Interface
with Kirigami Structure Presenting Kinesthetic
Feedback".

Zekun C, Tung D, Koya N, Heeju K, et al.(2020).
2020 CHI Conference on Human Factors in
Computing Systems.
"Demonstrating Kirigami Haptic Swatches for
Cut-and-Fold Haptic Feedback Mechanisms"

PATENTS

ANIK - China
Dehytray - U.S

EDUCATION

Royal College of Art,
London, UK, 2013-16
M.A in Design Products

Ewha Womens University,
Seoul, South Korea, 2008-13
B.A in Fine Art & Spatial Design

WORK EXPERIENCE

IDEO— Industrial Designer

Chicago, IL, Nov '19 - Present

Purdue University, Industrial Design department — Visiting Professor

West Lafayette, IN, Aug '17 - Aug '19

- Lectured a course on UX design process in the context of industrial design
- Provided tutorials on entire product design process from user research to prototyping

Freelance Industrial Designer

West Lafayette, IN, Aug '17 - Aug '19

- **JUA Technology (www.juatechnology.com) — Lead Industrial Designer**
 - Designed smart agricultural products such as Dehytray using renewable energy sources
- **AccuPS (www.accups.com) — Lead Industrial Designer**
 - Redesigned VR game controller and tracker to enhance ergonomics and user experience

Erato Lab — Visiting Design Researcher

Tokyo, Japan, Nov '17-Dec '17, May '18 - Mar '19

- **Brainstormed and developed the lab's material technologies into consumer products**
 - Kirigami keyboard: IoT product research on rapid prototyping with haptic feedback.
 - Inflatable tableware: Research on product application of thermal energy driven actuator
- **Designed and prototyped consumer products to improve hardware user experience**
 - Managed a cross-fuctional team to overcome technological constraint of capacitive screen
 - Iteratively modified prototypes to consider both aesthetics and user experience
- **Mass-manufactured MA project funded by Japan Science & Technology Agency (JST)**
 - Performed market analysis for product definition, positioning, and pricing
 - Networked and collaborated with overseas manufacturers in Shenzen, China

Il-hoon Roh Design Studio — Internship

Seoul, South Korea, Apr '14 - Sep '14

- Developed in aesthetic weaving method for art furniture Nodus (sold by Tajan, Paris)
- Contributed to handcraft manufacturing for Luno (Purchased by Channel, Seoul)

RESEARCH

Royal College of Art — Educational Product Design Research

London, UK, 2013-16

- Empathy Bridge for Autism
 - Application of VR to raise empathy by creating the perceptual illusion of embodiment
- Anik
 - Utilization of conductive ink to spark imagination in delivering engineering knowledge