

# HEEJU KIM

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## SKILLS

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

## TOOLS

Sketching  
Adobe series  
Rhino  
Solidworks  
AutoCAD  
Keyshot  
Procreate

## AWARDS

2019 Index Project Award, Winner  
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

2023 EMF, London, UK  
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"

## 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

### Johnson & Jonson, Med tech — Sr. Industrial Designer

Santa Clara, CA, May '23 - Present

- Collaborated closely with engineers to understand mechanical challenges and align industrial design needs within complex packaging constraints.
- Designed cutting-edge medical robotics, enhancing user experience through ergonomic touchpoints on robotic arms, and developed essential components such as scopes, instruments, sheaths, and feed rollers for robotic surgery.
- Ensured industrial design consistency by aligning with the company's business goals and brand identity.

### IDEO — Sr.Industrial Designer

Remote, Feb '22 - Dec '23

- Led projects as a key industrial designer, delivering exceptional outcomes in consumer products, furniture, medical, and other sectors.
- Collaborated with clients to understand their business needs and proposed innovative solutions that aligned with their goals and objectives.

### IDEO — Industrial Designer

Chicago, IL, Nov '19 - Feb '22

- Shaped end-user experiences by combining functionality, form, and aesthetics to create impactful product designs.
- Applied a human-centered design approach across diverse industry sectors, developing holistic solutions that addressed users' needs

### Purdue University, Industrial Design department — Visiting Professor/Scholar

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

- Lectured a course on UX design process in the context of industrial design
- Conducted practical training in 3D tools such as Rhino and KeyShot

### Freelance Industrial Designer

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

- JUA Technology ([www.juatechnology.com](http://www.juatechnology.com)) — Lead Industrial Designer
  - Developed Dehytray, a smart agricultural product, and launched it into mass production
- AccuPS ([www.accups.com](http://www.accups.com)) — Lead Industrial Designer
  - Redesigned VR game controller and tracker to enhance ergonomics and user experience

### Erato Lab — Visiting Researcher

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

- Developed the lab's material technologies into consumer products
  - Kirigami keyboard: IoT product research on rapid prototyping with haptic feedback.
- Startup Anik has received funding from the Japan Science & Technology Agency (JST)
  - Performed market analysis for product definition, positioning, and pricing
  - Networked and collaborated with overseas manufacturers in Shenzhen, China

### Il-hoon Roh Design Studio — Internship

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

- Contributed to handcraft manufacturing for Luno (Purchased by Chanel, Seoul)

## PATENTS

ANIK - China | Dehytray - U.S | Electric Toothbrush - U.S