

HEEJU KIM

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SKILLS

Industrial Design
Rapid Prototyping
2D&3D Fabrication
Design for Mass Manufacturing
Design Research

TOOLS

Sketching
Adobe series
Rhino
Solidworks
AutoCAD
Keyshot
AI Tools

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"

PATENTS

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

EDUCATION

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

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

WORK EXPERIENCE

Johnson & Jonson, Med tech Santa Clara, CA | Apr 2024 - Mar 2025
Sr. Industrial Designer

- Designed next-gen medical robotics for the Ottawa platform, improving ergonomics, proportions, and materiality to enhance comfort, precision, and usability across robotic arms and hand controllers.
- Collaborated cross-functionally with engineers and vendors to solve complex mechanical challenges, ensuring alignment between industrial design vision, packaging constraints, and scalable manufacturing requirements.
- Developed a clear design style—shaping the form, materials, colors, and details—to express trust, safety, precision, and high quality, reinforcing Johnson & Johnson's premium brand.

IDEO Chicago, IL | Feb 2022 - Dec 2023
Senior Industrial Designer

- Led multidisciplinary design programs across electric consumer products, wearables, furniture, and medical devices, delivering innovative, human-centered solutions from concept through implementation.
- Developed product stories through form, CMF, and visual storytelling, aligning with the client's vision and user's values.

Industrial Designer Chicago, IL | Nov 2019 - Feb 2022

- Participated in the design research process and translated user insights into design solutions.
- Created tangible outcomes through hands-on prototyping, 3D modeling, rendering, and close collaboration with engineering, prototyping teams.

The University of Tokyo, Erato Lab Tokyo, Japan | Aug 2018 - Mar 2019
Visiting Researcher

- Turned lab materials into consumer products like the Kirigami keyboard, an IoT prototype with haptics. Founded a startup and led product design, market research, and manufacturing.

Purdue University, Industrial Design West Lafayette, IN | Aug 2017 - Aug 2019
Visiting Professor/Scholar

- Taught industrial design from concept to final outcome, with hands-on training in 2D and 3D tools like Photoshop, Illustrator, Rhino, and KeyShot.

Freelance Industrial Designer West Lafayette, IN | Aug 2017 - Aug 2019

- AccuPS — Redesigned a VR controller and tracker to improve aesthetic, ergonomics and interaction
- JUA Technology — Designed a smart agricultural tray, and launched it into mass production.

Il-hoon Roh Design Studio Seoul, Korea | Apr 2014 - Sep 2014
Internship

- Handcraft manufacturing for chair, bench and light partition (Acquired by the Pompidou Center in Paris)