

## experience

**popsockets LLC.** - 2018- present

*senior industrial designer* 2021- present

*industrial designer* 2018- 2021

- Lead designer on magsafe product line that sold out on launch
- Lead designer on new popcase product line (created 10 different phone cases with multiple sku variants in 6 months)
- Created popmounts2 product line which created \$500,000 in revenue in 6 months
- Delivered 3d models, drawings, and renders
- Facilitated work sessions with product teams and users to define key design goals and requirements
- Conducted user research to inform, iterate, and validate the product design using methods such as field observations, interviews, contextual inquiries, surveys, and remote usability testing
- Worked closely with mechanical engineering to ensure parts meet manufacturing and cost requirements
- Created prototypes early and often interface closely with product management to define new product features and priorities while generating supporting reference documentation
- Coordinated with our cmf (colors, materials, finishes) team
- Worked with our manufacturing partners to ensure our designs become realities (including traveling to manufacturers in china to give feedback directly)

**native design - industrial design contractor** july - august 2018

- Worked with team to design the illumina nextseq 1000 and 2000 which won a red dot award in 2021
- Created renders and animations of nextseq genomic sequencing machine

**htc - industrial designer I** 2016 - 2018

- Executed design concepts in 3d for phone and iot projects
- Visualized cmf implementation, worked with engineering team to visualize the ux and other innovative technologies
- Lead projects to further explore potential future products and technologies
- Produced product specs to be released to mockup and manufacturing vendors in 2d
- Worked with the team to develop creative and unique process to handle the cmf and materials to make our devices stand out among it's competition
- Created cleanly surfaced cad models and high quality renders for conferences and presentations
- Contributed to phone designs released in 2018 and 2019 (specifically the htc u12+)

**deka research & development co-op** fall 2015

**id works llc. co-op** spring 2015

**ecco design co-op** summer 2014

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## education

### university of cincinnati

college of design, art, architecture and planning (daap)  
b.s. industrial design,  
graduated 2016

### korean advanced institute of science and technology (kaist)

b.s. industrial design  
foreign exchange program fall 2014

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## skills

### software programs

creo (isdx), adobe suite (after effects, photoshop, indesign, illustrator,) arduino ide, autodesk fusion 360 and inventor, bunkspeed, keyshot, processing, solidworks.

### miscellaneous

manufacturing experience with various materials (pc, tpu, eva, pu, pp, aluminum, glass, steel, magnets) sketching, soldering, ux/ui, 3d printing (objet, ultimaker, flashprinter), sewing, shop tools. have experience traveling to factories in china and have a work visa there until 2028.