

# D'VAN HOWARD

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## EDUCATION

**University of Cincinnati, DAAP**  
BS in Industrial Design  
Class of 2020

**Tama Art University**  
Product Design Exchange Student  
Tokyo, Japan  
Fall 2018

**University of Kentucky**  
BS in Mechanical Engineering  
Class of 2014

**Pamplona Learning Spanish Institute**  
Renewable Energies Study Abroad  
Pamplona, Navarra, Spain  
Summer 2013

## EXPERIENCE

**Cramer Inc | Kansas City, MO**  
**Design Co-op (Spring 2019)**

Joined small R&D team developing upcoming chair lines. Participating in planning, concepting, CAD development, and testing of chairs.

**DePuy Synthes (Johnson&Johnson) | Raynham, MA**  
**Design Co-op (Summer 2018)**

Worked with team on presentation illustrations, user research, and concept development. Cintiq sketching, UI/UX, prototyping concepts. Lead design of personal project and presented concept to engineers.

**Ethicon Endo-Surgery (Johnson&Johnson) | Blue Ash, OH**  
**Design Co-op (Fall 2017)**

Supporting designers with concept development and research implementation. Sketching, ideating, Keyshot, InDesign, prototyping concepts. Presenting ideas in small meetings. Working with other J&J employees on various projects.

**Nottingham Spirk | Cleveland, OH**  
**Design Intern (Spring 2017)**

Sketching, ideating, prototyping concepts. Presenting ideas in small meetings. Working with shop workers to develop prototypes.

**NACCO Materials Handling Group | Greenville, NC**  
**Design Engineer (Dec 2014 - Aug 2015)**

Constructing and modifying component models of forklift trucks for specialty batch orders. Provided engineering support to manufacturing line.

**Toyota Motor Manufacturing Kentucky | Georgetown, KY**  
**Paint Specialist Co-op (Summer 2012)**

Redesigned a prototype moon-roof installation component on manufacturing line. Designed and began development on new dolly to reduce strength required to push car frame.

## SKILLS

**Soft Skills** - Analytical Thinking, Strategy, Empathy, User Experience, Mechanical Prototyping, Story Telling, Human Centered Design, Leadership, Ideation, Scrum Planning, Spanish (beginner proficiency), Japanese (beginner proficiency), Systems Design, Hindsight Adaptability

**Software** - Solidworks, Rhinoceros, Fusion 360, KeyShot, Sketchbook Pro, Procreate, Microsoft Office (Word, PowerPoint, Excel), HTML, Adobe Suite (Photoshop, Illustrator, InDesign)

**Hard Digital Skills** - CAD, Parametric Modeling, Surface Modeling, Rapid Prototyping, 3D Printing (FDM & SLA), Laser Cutting, CNC Machining, 3D Rendering, Digital Sketching, Photo Editing, UI Design

**Hard Skills** - Hand Sketching, Mechanical Prototyping, Woodshop, Model Making, Soldering, Hand Sewing

## INVOLVEMENT

**Design For America at UC**  
Team Lead / Studio Lead  
2016 - 2018

**UK Habitat For Humanity**  
Club President  
2013 - 2014

**UC Honors Program**  
2015 - Present

**UC Dean's List**  
2015 - Present

## LIKES

Problem Solving, Sci-Fi, Podcasts, Ultimate Frisbee, Learning new skills, 3D Printing, Pizza Making, Craft beer, Food, Superheroes, Board games, Bowling, Cooking, Hot sauces