

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, concept development, 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, Systems Design, Hindsight, Adaptability, Spanish (low intermediate), Japanese (low intermediate)

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

UC Honors Program

2015 - Present

UK Habitat For Humanity

Club President
2013 - 2014

UC Dean's List

2015 - Present

LIKES

Problem Solving, Science Fiction, Podcasts, Ultimate Frisbee, Learning New Skills, 3D Printing, Pizza Making, Craft Beer, Food, Superheroes, Board Games, Bowling, Cooking, Hot Sauces