

LAUREN ZEMERING

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SKILLS

Sketching/Rendering
Technical Drawing
Concept Ideation
Physical/Digital Prototyping
DFM/DFA
User Centered Research
UX
Wire-framing
Solidworks
Fusion 360
Keyshot
Ps, Ai, Id
Laser Cutting
3D Printing

ACTIVITIES

Mortar Board
National Senior Honor Society
Director of Communication/
Webmaster 2016 - 2017

Alpha Phi Omega
Service Fraternity
April 2015 - Present

Lunar Gala Fashion Show
Clothing Designer
Oct 2014 - Feb 2015

CMU Varsity Swimming
Sept 2013 - Mar 2014
Relay record holder 2014

AWARDS

Andrew Carnegie Scholar

CMU School of Design
2016 Class Merit Award

Phi Kappa Phi Honor Society
Member since April 2016

LANGUAGES

Fluent English
Fluent Dutch
Intermediate French
Elementary German

EDUCATION

Carnegie Mellon University // Pittsburgh, PA
BFA Industrial Design '17
GPA 3.9

EXPERIENCE

Design Consultant // CMU Biomedical Engineering

Carnegie Mellon University // September 2016 - Present
Serving as a student design consultant for CMU's Foundations of Biomedical Engineering Design course. Advising the engineering students on ideation, user interaction, and prototyping of projects. Led design exercises, lectures, and facilitated design discussion between students, professors, and teaching assistants.

Design Intern // CapSen Robotics

Pittsburgh, PA // May 2016 - Present
Designed and built scan table prototypes to accompany computer vision software for 3D model creation. Created a manufacturable model and worked with local manufacturers to produce a marketable version. Redeveloped the company's logo and website.

Design Intern // CleanRobotics

Pittsburgh, PA // January - April 2016
Developed drawings and digital models of the consumer and industrial version of CleanRobotics' flagship product, TrashBot, a machine that can sort trash from recyclable materials. Assisted in designing the company's logo and website.

Research Intern // Shima Seiki Haute Technology Laboratory

Drexel University // Philadelphia, PA // June - August 2015
Conducted research to develop a garment that creates usable electrical energy through body movement. Gained experience with industrial knitting machines and knit garment programming. Created diagrams and visuals for grant proposals to help with the establishment of Advanced Functional Fabrics of America.

PROJECTS

Student Contractor// Bayer

Carnegie Mellon University // December 2016 - Present
Creating an addition to Medrad fluid injectors to make them compatible with radioactive tracers. Testing prototype effectiveness and usability at UPMC Children's Hospital.

Associate Team Member// ChiroProktor

Carnegie Mellon University // September 2015 - Present
Collaborating with fellow students to develop a product that aids chiropractic students in learning proper spinal realignment techniques.