

BEVERLY CHOU

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EDUCATION

New York University, New York, NY

Graduating May 2019

M.P.S. Interactive Telecommunications Program (ITP)

University of Michigan, Ann Arbor, MI

May 2015 / Summa Cum Laude

B.S.E. Mechanical Engineering, Minor in Art & Design

EXPERIENCE

Leon Speakers, Ann Arbor, MI / Mechanical Engineer

(June 2015-August 2017)

Engineered custom audio solutions for residential and commercial projects. Collaborated with industrial design and manufacturing teams on new product development. Created manufacturing drawings and 3-D models. Designed the Horizon Interactive FIT, winner of the 2017 CE Pro Best Award and the CEDIA 2017 Best of Show Award.

Hemlock Semiconductor, Hemlock, MI / Mechanical Engineering Intern

(May 2014-August 2014)

Led capital project to investigate flow dynamics on a fan and duct system. Implemented prototypes to reduce damaging vibrations.

MPowered Entrepreneurship / Makeathon Founder and Director

(September 2012-April 2014)

Led a team of 5 to execute the 1st annual Makeathon, a product design competition to inspire makers to be entrepreneurial. Fundraised \$27k + sponsorships for materials, space, and prizes. Hosted 80 engineering, art & design, and liberal arts students from 6 colleges.

U-M Mechanical Engineering Dept., Ann Arbor, MI / Research Assistant

(July 2013-September 2013)

Tested behaviors of nano-composite materials under high strain rate using Split-Hopkinson bar and dynamic mechanical analysis.

TEAM DESIGN PROJECTS

Aros Spice Dispenser for Visually Impaired Cooks (Fall 2014)

Collaborated with interdisciplinary team to design and prototype a spice dispenser for visually impaired users. Validated internal linkage mechanism using ADAMS, SolidWorks, and stress analysis methods.

Mobile Backpack Holder (Fall 2013)

Built a 4-bar linkage mechanism that moves a backpack from a wheelchair user's rear to his/her side for easier access. Integrated safety features and user controls with Arduino Uno and sensors.

PORTFOLIO

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SKILLS

CAD Software

SolidWorks

ADAMS

HyperMesh

Software

Microsoft Office

Illustrator

Photoshop

After Effects

Premiere

Fabrication

Machining

Vacuum Forming

Injection Molding

Laser Cutting

3-D Printing

Programming

JavaScript

HTML/CSS

Arduino/C++

MATLAB

2-D

Design Sketching

Relief Printmaking

Intaglio Printmaking

Music

Piano

Bass Clarinet

Guitar

COURSE- WORK

Analytical Product Design

Design for Manufacturability

Sustainable Engin. & Design

Physical Computing