

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

DESIGN PROJECTS

Sound Tent (Fall 2017)

Created a playful space for two people to connect through sound and light. Designed the UX for a physical MIDI interface with LEDs that reacts to users. Made with Arduino, various sensors, and a synthesizer.

Slow Chat (Fall 2017)

Designed an online chat room where reply time and message length approach infinity to question our use of communication technology. Coded in HTML/CSS and JavaScript using node.js, socket.io, and p5.js.

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.

WORK 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.

PORTFOLIO

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SKILLS

CAD

SolidWorks

ADAMS

HyperMesh

Software

Unity

Illustrator

Photoshop

After Effects

Premiere

Programming

JavaScript

HTML/CSS

C++

MATLAB

Prototyping

Design Sketching

Arduino

PCB Fabrication

Vacuum Forming

Injection Molding

Laser Cutting/CNC

3-D Printing

Music

Piano

Bass Clarinet

Guitar

COURSE- WORK

Computational Media

Physical Computing

Analytical Product Design

Design for Manufacturability