

LUCIA LIU

lucialiu.me
lucialiu@alum.mit.edu
908.472.9788
San Francisco, CA

EDUCATION

Massachusetts Institute of Technology

CAMBRIDGE MA • JUN 2018

BS in Mechanical Engineering with Product Design • Minor in Design

GPA: 4.8/5.0 • Major GPA: 5.0/5.0

WORK EXPERIENCE

Flex Ltd • *Innovation + Design Intern*

MILPITAS CA • SUMMER 2017

Identified optimal methods for branding wireless phone charger prototypes • Researched resistive heating fabrics for applications in wearable electronics

IPSUMM Inc • *Mechanical Design Intern*

PORTSMOUTH NH • SUMMER 2016

Assisted in projects that focused on innovating and prototyping ideas for automated industrial processes • Modeled casing design and electronic prototype for my wearable device concept

MIT Media Lab - Fluid Interfaces Group • *Undergraduate Researcher*

CAMBRIDGE MA • JAN - APR 2016

Collaborated in designing wearable products that use HCI technology and aromatherapy • Modeled and fabricated casing prototypes while considering compact size, water-proofing, and aesthetic

SKILLS

Industrial Design
Rapid Prototyping
2D + 3D Fabrication

UI/UX Design
User Research + Testing
Storyboarding

Visual Design
Branding + Marketing
Sketching + Illustration

2D TOOLS

Adobe Creative Suite
HTML/CSS/JavaScript
Python
Adobe XD
Sketch

3D TOOLS

Solidworks
Rhino 3D
3D Printing
Injection Molding
Machining

LANGUAGES

English
Mandarin Chinese

PROJECTS

Tatchi • *Blind Accessible Gaming Platform*

PRODUCT DESIGN • SEP - DEC 2017

Developed a table-top gaming platform accessible to both visually impaired and sighted people by utilizing features of touch and sound • Conducted several user testing rounds at centers for the visually impaired • Had leading roles in industrial design, UI/UX design, and branding

Beat Blocks • *Interactive Musical Toy*

PRODUCT DESIGN • FEB - MAY 2015

Created a toy that allows children to create different musical patterns by stacking blocks • Conducted user testing with children • Had leading roles in industrial design, branding, and CAD

LEADERSHIP + ACTIVITIES

HackMIT Organizing Committee • *Head of Marketing*

Led the marketing committee for one of the nation's largest hackathons with over 1.2k students and sponsors • Designed social media content and promotional assets for several nationwide events

College Dance Groups • *Marketing Director + Choreographer*

Directed and created club promotions and branding • Composed and taught hip-hop choreography