

**EDUCATION****| Massachusetts Institute of Technology (MIT)**

Candidate for Bachelor of Science in Mechanical Engineering  
Concentration in Product Design, Minor in Design

GPA: 4.8/5.0  
Major GPA: 5.0/5.0

Cambridge, MA  
Class of 2018

**EXPERIENCE****| MIT Product Design - Tatchi** | *Group Project*

Cambridge, MA  
Sep 2017 | Dec 2017

- > Developed a table-top gaming platform accessible to both visually impaired and sighted people by prioritizing features that utilize senses of touch and sound
- > Had leading roles in industrial design, branding, and UI/UX design

**| Flex Ltd** | *Mechanical Engineering Intern*

Milpitas, CA  
Jun 2017 | Aug 2017

- > Researched the behaviors of resistive heating fabrics for applications in wearable electronics with the aim of optimizing heat and power over battery life
- > Identified optimal methods for branding wireless phone chargers for marketability

**| IPSUMM - i2i Engineering** | *Mechanical Engineering Intern*

Portsmouth, NH  
Jun 2016 | Jul 2016

- > Developed electronics and casing design of a wearable device, which uses RFID/NFC technology to incorporate aromatherapy into everyday life
- > Assisted in company projects with a focus on automation and mechanical design

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

Cambridge, MA  
Jan 2016 | April 2016

- > Designed HCI technology, including a wearable necklace and a stationary device, that releases scents in order to encode, store, and retrieve specific memories
- > Modeled and fabricated product casings using CAD software and 3D printing

**| AstraZeneca - MedImmune** | *Automation Intern*

Gaithersburg, MD  
Jun 2015 | Aug 2015

- > Automated and optimized a sample preparation procedure by coding a liquid-handling robot, which increased throughput, time, flexibility, and accuracy of the protein analyses

**| MIT Media Lab - Tangible Media Group** | *Undergraduate Researcher*

Cambridge, MA  
Feb 2015 | Apr 2015

- > Fabricated and designed inflatable 2D models using heat-sealable material, and evaluated their pneumatically driven 3D folding mechanisms for research data

**LEADERSHIP & ACTIVITIES****| MIT TechX - HackMIT Organizing Committee** | *Marketing Head*

Apr 2015 | Sep 2016

- > Led the marketing committee for HackMIT, one of the nation's largest hackathons with over 1,000 participants, and Blueprint, a learning hackathon for high schools students

**| Student Dance Groups**

Sep 2014 | May 2018

- > BU Vibes female hip-hop team, BU miXx, MIT Asian Dance Team, MIT Dance Troupe

**| Pi Tau Sigma - Mechanical Engineering Honor Society**

Apr 2016 | Present

**| Tau Beta Pi - Engineering Honor Society**

Sep 2016 | Present

**SKILLS****| Design**

- > Industrial
- > UI/UX
- > Visual

**| CAD**

- > SolidWorks
- > Rhino 3D
- > Grasshopper

**| Coding**

- > HTML/CSS
- > JavaScript
- > Python

**| Software**

- > Adobe CC
- Ps, Ai, Id, Xd, Pr
- > Sketch

**| Fabrication**

- > 3D Printing
- > Injection Mold
- > Machining

**| Other**

- > Web Dev
- > EE Basics
- > Mandarin