

## EDUCATION

### MS, Integrated Digital Media

New York University  
May 2021  
4.0 GPA

### BS, Electrical Engineering

University of California, San Diego  
June 2018  
3.081 GPA

**Depth:** Machine Learning

**Minor:** Computing & the Arts

## SKILLS

### Prototyping

3D Printing  
Arduino  
Function Generator  
Lasercutting  
Oscilloscope

### Software

Adobe Illustrator  
Adobe Photoshop  
Autodesk Eagle  
Autodesk Fusion  
Autodesk Maya  
Solidworks  
Unity

### Programming

HTML / CSS / JavaScript  
Java  
LabVIEW  
Processing 3 / P5.js  
Python  
MATLAB

## PROJECTS

Disney Imaginations Competition  
2020 - Semifinalists  
2019 - Participants

## CLASSES

Virtual Reality  
Creative Coding  
Ideation & Prototyping

## WORK EXPERIENCE

### New York University

Graduate Research Assistant, Wearables

OCT 2019 - Present

- Research and conceptualize projects that focus on wearable user interfaces through microcontrollers and e-textiles.

### BAE Systems, Electronic Systems

Hardware Engineer

OCT 2018 - AUG 2019

- Designed 2D and 3D system drawings to illustrate assembly details for production following military standards.
- Documented and validated obsolete part replacements within Product Lifecycle Management software.

### Systems Engineering Intern

JUN 2018 - SEP 2018

- Programmed a data parser in Visual Basic, which decreased plotting data from hours to minutes.
- Designed a test interface for an integrated circuit to find issues before the next higher assembly.

### University of California, San Diego - IDEA Engineering Student Center

Peer Facilitator

AUG 2017 - SEP 2017 and AUG 2016 - SEP 2016

- Organized team building activities for 100 incoming engineering students to promote academic, multicultural, and social enrichment.
- Tutored students in electrical engineering and computer science.

## LEADERSHIP EXPERIENCE

### Society of Women Engineers, UC San Diego

Vice President External

MAY 2017 - JUN 2018

- Collaborated with four other diversity organizations to plan a dinner networking event to connect industry partners to over 300 students.
- Networked with companies to provide members with professional workshops and info sessions.

### Project Team Manager

MAY 2016 - JUN 2017

- Expanded project teams within the organization from one to three project teams.

### Project Team Manager

MAY 2016 - JUN 2017

- Founded project teams within the club to provide hands on experience to 20 members.
- Designed a solder reflow oven to research reflow failures by simulating production environments.