



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.