

EDUCATION

MS, Integrated Digital Media

New York University
May 2021
3.963 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
Raspberry Pi
Lasercutting

Software

Adobe Illustrator
Adobe Photoshop
Autodesk Fusion
Autodesk Maya
Figma
Solidworks
Unity
Unreal Engine 4

Programming

HTML / CSS / JavaScript
React
Firebase
LabVIEW
Processing 3 / P5.js

PROJECTS

Disney Imaginations Competition
2020 - Semifinalists
2019 - Participants

CLASSES

Virtual Reality
Creative Coding
User Experience Design

WORK EXPERIENCE

Google

User Experience Engineering Intern

May 2020 - August 2020

- Designed a web application with React and Firebase to help designers and engineers prototype LED animations on Google Nest.

New York University

Graduate Research Assistant, Wearables

OCT 2019 - May 2020

- Research and conceptualize projects that focus on wearable user interfaces through microcontrollers and e-textiles.
- Modeled mounts for incorporating solar panels into wearable electronic projects that would be secure and not hinder movement.

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.

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.