

## Education

### UCLA

#### B.S. Electrical Engineering 2019

- Engineering: Introduction to Engineering Design
- Electrical Engineering: Logic Design of Digital Systems (Completed by Fall 2016)
- CS: Introduction to Computer Science I (C++), II (C++)

## Skills

**MOST EXPERIENCED:** C++, Java

**COMFORTABLE:** JavaScript, HTML/CSS, Git

**LANGUAGES:** English, Spanish

## Employment

### QUALCOMM

#### Software Engineer

San Diego, CA  
Jun 2016 to Sep 2016

- Updated drone camera software to the latest API using Android Studio
- Worked in a collaborative environment to complete a consumer product and following certain corporate restrictions

## Projects

### STAR TREK DOOR

May 2016

- Built a password safe door that opens automatically after a user enters correct motions on an Android device
- Created the front end and back end of the Android app so that it was compatible with the bluetooth device connected to the motor
- Designed the door with PVC pipes and elbow connectors with a lightweight door frame

### IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS): NATBUS

Mar 2016 to Jun 2016

- Built a line following robot using IR sensors and an Arduino UNO
- Contributed to the mechanical structure of the vehicle and integrated PID control to guide it through the course
- Worked on a team of three to complete the project, resulting in second place in the club's competition

### IDEA HACKS 2016: MYO MUSIC.

Jan 2016

- Worked on a team of five to create a "Garage-Band" website using HTML/CSS and JavaScript
- Added feature that randomly placed images around the screen whenever a user made a motion

### QUALCOMM WOMEN'S COLLEGIATE CONFERENCE: HACK FOR IMPACT

Jan 2016

- Nominated to attend a 50-women collegiate conference to learn more about Qualcomm and working in the tech industry
- Participated in Qualcomm's Hack for Impact and built a school safety alarm system using an Arduino UNO and MIT App Inventor
- Coded the Arduino application and made it applicable with the MIT App
- Presented in front of three judges and won "Best Public Safety Hack"

## Leadership and Activities

### WATT (WOMEN'S ADVANCING TECH THROUGH TEAMWORK) · External President and Co-Founder Jan 2016 to Current

- Founded IEEE WIE division at UCLA to focus on outreach, retention, mentorship, and social awareness
- Organized events, delegated meetings, elected officers, and worked with the department and industry representatives
- Collaborated with other engineering groups on campus to create a more unified engineering community

### IEEE · Corporate Relations Chair

May 2016 to Current

- Build strong corporate relationships with tech companies and organize infosessions to help students gain career knowledge
- Lead the IEEE corporate team that helps raise funds for IDEA Hacks, which is the largest hardware hackathon on the West Coast
- Work with the department and Industry Relations Coordinator to help increase presence of IEEE to industry representatives

### NG INNOVATION TEAM CHALLENGE · Team Captain

Dec 2014 to Mar 2015

- Built a "Lighter than Air" remote controlled airship that traveled through a 3D course with gates with varying heights
- Led a technical engineering project while overseeing the mechanical, electrical, and logistical components of the project
- Awarded \$1250 for our school for winning first place against nine other high schools

## Awards

### NORTHROP GRUMMAN SCHOLARSHIP FOR EMPLOYEES' CHILDREN

Jun 2015

- Awarded scholarships for four years

### RENSSELAER POLYTECHNIC INSTITUTE MATH AND SCIENCE MEDAL

Jun 2014

- Top math and science student in junior class of high school