

## Summary

- Help build tomorrow and make a difference in the world
- Represent women in the engineering field and inspire others
- Learn how hardware and software work as a team

## 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, Jun 2016 to Sep 2016

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

## Projects

### EE3: STAR TREK DOOR

May 2016

- Built a password safe door that opens automatically after user enters correct motions on android device
- Once user does the correct motions, the door opens and the logic gates reads the input through bluetooth to turn on the green LED attached to the swinging door

### IEEE: NATBUS

Mar 2016 to Jun 2016

- Built a line following robot using IR sensors and an Arduino UNO
- Worked on a team of 3 to complete the project and compete in the club's competition where we completed the course and won 2nd fastest Natbus

### IDEA HACKS 2016: MYO MUSIC.

Jan 2016

- Worked on a team of five to create a "Garage-Band" website using HTML/CSS and Javascript
- Incorporated an arduino to include background music and connected it over the Wifi so that the user could use it online
- Interpreted gestures using the Myo Armband to produce different instrument sounds

### 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 a Qualcomm's Hack for Impact and built a school safety alarm system using an Arduino and MIT App Inventor
- 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

- Started IEEE WIE division at UCLA to focus on outreach, retention, mentorship, and social awareness
- Aimed to encourage girls to pursue a career in Electrical Engineering
- Collaborate with other engineering groups on campus to create a more unified engineering community

### IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS) · Corporate Relations Chair

May 2016 to Current

- Build strong corporate relationships with tech companies and organize infosessions to help students gain career knowledge
- Leader of 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
- Planned work days with team members and made final decisions with our project in 2015 and learned to lead 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

## 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++)