

EMILY ROTH - DELGADO

✉ EmilyLRoth@utexas.edu 📞

EDUCATION

The University of Texas at Austin Aug. 2016 to May 2020
Bachelor of Science, Electrical and Computer Engineering/Minor, Business Administration,
GPA: 3.3/4.0

EMPLOYMENT

University of Texas at Austin, Teaching Assistant, Austin, TX Jan. 2018 to Current

- Helped to create and now teaches Enhancing Academic Success course in the Electrical Engineering Department
- Holds study sessions and check-ins for students to ensure students are reinforcing the material taught
- Meets with professor weekly to brainstorm classroom activities and homework

Facebook, Software Engineering Intern, Menlo Park, CA May 2018 to Aug. 2018

- Part of the Newsfeed feedback team which owns comments, likes and reactions
- Designs and implements features on Facebook for Android
- Works closely with product designers and content strategist on a new feature for commenting
- Weekly meetings to preform code review and find bugs as a team

Facebook, Software Engineering Intern, Seattle, WA June 2017 to Aug. 2017

- Collaborated with Sheryl Sandberg to develop 28 new STEM Girl Scout Badges
- Developed and implemented ideas for the mobile Android platform
- Collaborated in a team of three with a mentor
- Presented weekly updates on progress of Android application

Applied Research Laboratories, Software Intern, Austin, TX Feb. 2017 to May 2017

- Document and correct application bugs in C++ and Python
- Remove hard coding and add flexibility to ongoing projects
- Develops applications for the Department of Defense
- Worked on project involving underwater robotics

NASA, Robotics Intern, Houston, TX June 2016 to Aug. 2016

- Restored and repaired electronics of robots and rovers
- Worked in the Space Exploration Vehicle unit
- Created wiring harnesses for SWAT issued robot for hostage situations

PROJECTS

Staycation June 2017 to Aug. 2017

- Utilized multiple APIs, including several of Google's Cloud APIs, and a SQLite database
- Android app that allows user to explore other cultures from home

Legend of the Prairie King April 2017 to May 2017

- Designed a shooting game using a TI Micro-controller, C and ARM Thumb 2 ISA
- Soldered and integrated dual joysticks, LCD Display and buttons
- Used GitHub for code control and product management

ACTIVITIES

Twitter, #EarlyBird May 2017

- Flown to Twitter HQ to network with other underrepresented minorities in tech and Twitter Recruiters
- 30 students selected out of 1,500 applicants
- Maintains connections with Twitter through mock interviews and online seminars

FIRST Robotics Team 2468, Electrical Mentor May 2017 to Current

- Act as a role model to high school students by demonstrating female excellence in engineering
- Train high school students on how to safely use tools to wire robots
- Effectively able to collaborate with both high school students and senior engineers

Undergraduate Advisory Board, Class of 2020 Representative and Student Life Chair Fall 2016 to Current

- Meet with the Chair of Electrical and Computer Engineering to discuss improvements for the department on behalf of all electrical engineering majors
- Travels with the department to meet with prospective female students to recruit them to UT

SKILLS

PROGRAMMING LANGUAGES: Java, Python, C++, Ruby, HTML, JavaScript, CSS