

# Kassandra Smith

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## EDUCATION

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**Bachelor of Science in Electrical Engineering** Expected May 2018  
*The University of Texas at Austin*  
Relevant Courses: Software Design Honors, Circuit Theory, Embedded Systems

## EXPERIENCE

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**Kerberos International, San Antonio, TX** June–August 2015  
*Engineering Intern*  
Assisted in telecommunications equipment testing, setup and development.

## PROJECTS

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**Table Tower** September 2015  
*Hardware Developer* <http://devpost.com/software/tabletower>  
An art replica of the UT tower, which changes colors according to the actual Tower. Made during HackTX 2015

**Lunar Lander** Summer 2015 -- present  
*Software & Hardware Developer* <https://github.com/kassandrasmith/lunar-lander>  
A C-language game to be played on TI's TIVA Launchpad, styled after the classic arcade game, Lunar Lander.

**TickTock** April 2014--May 2014  
*Hardware Developer* <https://github.com/nickswalker/tock>  
Developed a low-power Bluetooth controlled digital alarm clock with an infrared triggered RGB LED light strip.

**Frogger** May 2015  
*Software & Hardware Developer*  
Project for Embedded Systems class: A C-language game to be played on TI's TIVA Launchpad, styled after the classic arcade game, Frogger.

**Autonomous Car** November 2014  
*Software & Hardware Developer*  
Project for Introduction to Electrical Engineering class: A toy-sized car that measures distance from objects to prevent crashing and follows lines using an Arduino.

## TECHNICAL SKILLS

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|----------------------|---|
| • C, C++             | • CAD and PCB Design                        |
| • Java               | • 3D Printing and Design                    |
| • Subversion and Git | • FCC Licensed General Class Radio Operator |

## COMMUNITY INVOLVEMENT

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|---|--------------------------|
| • First-year Interest Group Program Mentor            | August 2015 – Present    |
| • N5XU Amateur Radio Club Member                      | September 2014 – Present |
| • Association of Old Crows Member                     | August 2014 – Present    |
| • Engineering Chamber Orchestra Member                | September 2014 – Present |
| • Women in Engineering Program Member                 | September 2014 – Present |
| • Women in Electrical and Computer Engineering Member | September 2014 – Present |
| • Gone to Engineering Volunteer                       | August 2015              |
| • Introduce A Girl to Engineering Day Volunteer       | February 2014            |