

# Christopher L. Frazier

**Objective** To explore the professional field of Software Engineering all the while gaining internship experience and finding a potential post-graduation employer.

**Education** **Bachelor of Science, Electrical and Computer Engineering, May 2017**  
The University of Texas at Austin  
Overall GPA: 3.94/4.00

## Professional Experience

- 05/2015 – 08/2015 **Firmware Engineer Intern, Silicon Labs**
- Aided in development of Si 4790 Automotive Audio DSP chip firmware
  - Created higher level language named Scripter to control machine level API
  - Used a range of lower to higher level languages (machine/C/python)
  - Integrated project into system code base and firmware build process
- 08/2014 – Present **Team Member, University Solar Vehicle Team (UTSVT)**
- Dedicated team C/C++ programmer (10 hours/week minimum)
  - Design and implement a multilevel embedded system
  - Improving preexisting skillset with large team-based software projects
- 05/2014 – 06/2014 **Mathematics Summer School Teacher/Tutor – Algebra I & II**
- Communicated ideas to individuals with vastly varying subject knowledge
  - Worked to create a motivating and encouraging environment
  - Developed quick decision making and work ethic

## Personal Projects

- 11/2014 – 01/2015 **Android Application Development ('PicaNotes')**
- Implemented asynchronous UI and photo categorization
  - Worked with metadata extraction and analysis
  - Managed release time and version control
- 01/2014 – 05/2014 **Embedded systems game development**
- Used both low-level Assembly to medium-level C code
  - Implemented communication drivers to peripherals
  - Designed and coded UI with scrolling and pop-up menus
  - Wrote and debugged over 1,000 lines of C-based code
- 01/2012 – 04/2013 **Team Captain, FIRST Robotics Competition Team**
- Created new and implemented existing circuits for use on a final system
  - Managed team budget and planning to optimize team grant
  - Honed a problem solving mindset for debugging complex systems

**Skills** Proficient with: C/C++, Java, Assembly (ARM), and git  
Familiar with: Python, JavaScript, Android development, embedded system design, hardware validation, and Linux distros

**Accomplishments** McPeake-Schuler Family Endowed Presidential Scholar, 2015-Present  
Recipient, Robbie & Roy Endowed Electrical Engineering Scholar, 2014-2015  
Recipient, Texas Instruments Electrical Engineering Scholar, 2014-2015  
Member/Volunteer, Gamma Beta Phi Honors Society, 2014-Present  
Member, University Leadership Network, 2013-Present  
Member, Institute of Electrical and Electronic Engineers (IEEE), 2013-Present  
Volunteer, Austin Pets Alive, 2014