

# John Hossler

john.m.hossler@gmail.com  
jmhossler.github.com

January 3, 2018

(865) 242-7214

github.com/jmhossler

## Skillsets

- **Languages:** Go, Python, C, C++, Javascript, Bash
- **Methodologies:** Agile, Clean Code, Pair Programming, SAFe
- **Utilities:** Bash, git, vim, L<sup>A</sup>T<sub>E</sub>X, Docker, Pytest, Tox, PyPi, Artifactory, Jenkins, Robot Framework, Jira, Confluence, Restconf
- **Operating Systems:** Linux (several distributions), Mac OS X, Windows

## Education

- **The University of Alabama** Tuscaloosa, AL  
*B.S. Computer Science* May 2018
  - Engineering Leadership Scholarship recipient
  - Presidential Scholarship recipient
  - Minors: Physics, Mathematics
  - Related Coursework: Data Structures and Algorithms, MicroControllers, Software Engineering, Programming Languages, Operating Systems, Computer Networking, Formal Languages

## Career Experience

- **Adtran** Huntsville, AL  
*Co-Op 1st Term* May 2016 - August 2016
  - Wrote scripts to standardize the company's existing automation libraries on PEP8 coding style.
  - Reworked automation libraries to better utilize coding principles like inheritance, encapsulation, and DRY code.
  - Provided documentation and training for tools created during term.
  - Began the conversion of the company's AP simulator from using VMs to Docker images.  
*Co-Op 2nd Term* Jan 2017 - August 2017
  - Worked on test automation software to help with Continuous Integration goals in the company.
  - Helped refactor existing packages to ease testing and increase test coverage.
  - Segmented existing packages into more granular packages to isolate functionality.
  - Created visualization tool for increased visibility on test case health.
  - Participated and won category in Hackathon event.
  - Gave internal tech talks on tools that I made.
  - Monitored Continuous Integration Pipeline and helped recover testbeds, noting bugs to be fixed.  
*Co-op 3rd Term* August 2017 - December 2017
  - Used Jenkins to automate the maintenance of permissions between Github Repositories and corresponding Jenkins Jobs.
  - Created promotion model for group on Artifactory.
  - Added functionality to a private Github administration Python tool.
  - Performed general administration tasks on Jenkins, Artifactory, and Github.
  - Participated and won 3rd Place in Hackathon event for a voting tool.