

John Hossler

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Skillsets

- **Languages:** Go, Python, C, C++, Javascript, Bash
- **Methodologies:** Agile, Clean Code, Pair Programming, SAFe
- **Utilities:** Netconf, RestConf, bash, git, vim, L^AT_EX, Docker, Pytest, Tox, PyPi, Artifactory, Jenkins, Robot Framework, Jira, Confluence
- **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.
- **The University of Alabama** Tuscaloosa, AL
Teaching Assistant Fall 2016
 - Reworked grading scripts to increase reusability.

- Provided quality feedback to students for their projects and labs.

Learning Assistant

Fall 2016

- Assisted multiple professors teach introductory Physics, both honors and standard classes.
- Gained experience as a class leader through assisting students develop the skills necessary to understand classical physics.

CS Lab Assistant

Spring 2015

- Taught students how to debug their programs more effectively.
- Increased students' understanding of core programming concepts, such as loops, recursion, and memory management in C.