

John Hossler

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August 30, 2017

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github.com/jmhossler

Technologies

- **Languages:** Go, Python, C, C#, Javascript
- **Frameworks:** Ruby on Rails
- **Utilities:** Unix/Linux, bash, git, vim, L^AT_EX, Docker, Pytest, Tox, PyPi, Artifactory, Jenkins
- **Operating Systems:** Linux (several distributions), MacOSX, 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.
- **The University of Alabama** Tuscaloosa, AL
Teaching Assistant - Grader 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.