

John Hossler

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github.com/jmhossler

Technologies

- **Languages:** Go, C, Python, C#, C++, Java, 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), Mac OSX, Windows

Education

- **The University of Alabama**

- B.S. Computer Science* Tuscaloosa, AL
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**

- Co-Op 1st Term* Huntsville, AL
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**

- Teaching Assistant - Grader* Tuscaloosa, AL
Fall 2016
- Reworked grading scripts to increase reusability.
 - Provided quality feedback to students for their projects and labs.

- **The University of Alabama**

- Learning Assistant* Tuscaloosa, AL
August 2016 - December 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.

- **The University of Alabama**

- CS Lab Assistant* Tuscaloosa, AL
Spring 2015
- Taught students how to debug their programs more effectively.
 - Increased student's understanding of core programming concepts, such as loops, recursion, and memory management in C.