

# 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<sup>A</sup>T<sub>E</sub>X, 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.
- **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.