John Hossler

john.m.hossler@gmail.com
bio.jmhossler.net

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(865) 242-7214
github.com/jmhossler

Technologies

- **Languages:** Go, C, Python, C#, C++, Java, Javascript
- **Frameworks:** Ruby on Rails
- **Utilities:** Unix/Linux, bash, git, vim, LaTeX, 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 — *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.

  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.