
Matthew D. Heilman

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PROFILE:

- ❖ Dedicated to maintaining high accuracy and quality through test driven development
- ❖ Quick learner and interested in deeper understanding of necessary skillsets such as learning new programming languages for tasks
- ❖ Strives for efficient, yet effective solutions to challenges by starting with research rather than trial and error
- ❖ Linux, Windows, Raspberry Pi, Arduino, C/C++, Python, R, Verilog, git

EDUCATION: **The Pennsylvania State University**, University Park, PA
College of Engineering B.S. Computer Engineering
Minor Mathematics
Cumulative GPA..... 3.26/4.00
Expected Graduation Date..... May 2019

CAREER **Undergraduate Assistant; Dr. Adair** (02/2017 – present)

EXPERIENCE:

- ❖ Translate FORTRAN code to C++ and verify program
- ❖ Design and develop a distributable open-sourced application

Director of Technology; HackPSU (08/2017 – present)

- ❖ Improve and implement technological features to enhance event experience
- ❖ Coordinate development across team

Co-op Developmental Program; Department of Defense

Network Engineer; Network Implementation (05/2017 – 08/2017)

- ❖ Deployed and upgraded network devices in new or existing networks
- ❖ Support network modernization project by upgrading legacy devices with modern devices

Software Developer; DevOps Culture (08/2016 – 12/2016)

- ❖ Develop a dashboard to provide interactive, concrete, and real-time metrics of development patterns to a given team
- ❖ Create, document, and test code that is easy to understand, modify, and add to by other developers

Software Development Intern; Zonoff Inc. (05/2016 – 08/2016)

- ❖ Corrected existing design flaws in Android app
- ❖ Implemented new software features in core product

WORK **Lowe's Companies, Inc.;** Delivery Assistant..... (06/2015 – 08/2015)

HISTORY: