MICHELLE MILLER

chellicmiller@gmail.com ▪ 507.838.0137 ▪ www.michellemiller.online

OBJECTIVE: Become an engineer in a fast-paced, energetic environment.

HIGHLIGHTS:
- PHP, Python, C/C++, JavaScript, HTML5, CSS, and other languages
- MySQL database development
- Leadership and project management
- Linux and bash commands

EDUCATION:

Bachelor of Science in Computer Engineering
University of Wisconsin - Stout, Menomonie, Wisconsin

Minor: Computer Science   **GPA:** 3.1

SENIOR PROJECT: Smart Home System

Created responsive web dashboard for user to access on PC or mobile phone. Gave real time status updates through websockets.

- Embedded Linux
- NodeRED and Cloud9
- HTML5, CSS, JavaScript
- Websockets

EXPERIENCE:

Student Manager   *October 2016 - May 2017*
Computer and Electrical Engineering Lab, UW Stout

Set schedules, met with faculty and department heads, and other duties. Lead development project to track inventory and student check-ins.

- Leadership and management
- PHP, JavaScript, HTML5, and CSS
- MySQL database development
- GitHub and code reviews

Vice President   *Fall 2015 - Fall 2016*
Institute of Electronics and Electrical Engineers - UW Stout Branch

Completely restructured student branch with team. Presented IEEE workshops on a variety of topics.

- Leadership and teamwork
- Presented workshops on Linux, programming, and other topics

HPC Intern   *May 2016 - August 2016*
Silicon Graphics International, Eagan, MN

Optimized software to use PMIx functions for supercomputer clusters using SLURM. Updated Linux man pages as a side project.

- High performance computing
- Linux administration and git
- Writing code and debugging in C
- SLURM commands

Software Engineering Intern   *May 2014 - August 2014*
Open Systems International, Medina, MN

Designed Python scripts to parse XML documents for strings.

- Python scripting and XML parsing
- Proactive problem solving