

MICHELLE MILLER

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OBJECTIVE: Solve challenging problems and work on inspiring projects

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 with real-time status updates accessible via PC or mobile device.

- Embedded Linux
- NodeRED and websockets
- HTML5, CSS, JavaScript

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