

Zachary Jones

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Summary

Second year Computer Network and System Administration Student with sophomore status that has experience though an internship, IT Oxygen enterprise and student employment. Skills in Linux administration, VM administration, configuration management, and networking.

Education

Michigan Technological University

BS COMPUTER NETWORK AND SYSTEM ADMINISTRATION

- GPA: 3.25 | Department GPA: 3.44

Houghton MI

Sept. 2016 - Exp. May 2020

Experience

Michigan Tech IT Oxygen Enterprise

OPERATIONS

- Maintain and created new infrastructure for other IT Oxygen Projects
- Manage 2 ESXI hosts
- Manage multiple linux machines with chef
- Created VMs for use by other IT Oxygen projects
- Created an oVirt Cluser to replace ESXI hosts

Houghton MI

Jan. 2016 - present

Michigan Tech IT Operations: Linux Team

STUDENT EMPLOYEE

- Build RPM spec files for deployment on campus lab machines and servers.
- Used Red Hat Satellite and Puppet managing machines
- Modify Kickstart profiles for deploying machines

Houghton MI

Sept. 2016 - present

Varnum LLP

NETWORKING INTERN

- Upgrade computers of employees
- Imaged and installed new computers with Windows 7
- Scheduling a deploy and deploying new machine to the end user

Grand Rapids MI

Dec. 2016 - Mar. 2016

Skills

Basic Computer	MS Office, Google Drive, Windows, Linux
System Administration	Bash Scripting, Vim, RPM Spec creation, Kickstart Configuration, Ovirt
Configuration Management	RH Satellite, Foreman, Puppet, Salt, Chef
Networking	Cisco, Unifi, pfSense

Work History

Student Employee : IT Ops - Linux Team, Michigan Tech IT, Houghton MI
Repair Technician and Device intake, Tech Defenders, Grand Rapids MI

Sept. 2016 – present

Jun. – Aug. 2016

Extracurricular Activity

LUG (Linux Users Group at Michigan Tech)

PRESIDENT FROM 2017-18, SERVER ADMIN, AND CORE MEMBER

- Maintained public Linux/Unix mirror
- Oversaw migration to new data center

Houghton MI

Sept. 2016 - present

HARC (Husky Amature Radio Club)

CORE MEMBER & TREASURER

- Gained experience in multiple types of radio, analog and digital
- Participated in creating back-end infastructure for the W8YY DMR(Digital mobile radio) repeater network

Houghton MI

Jan. 2017 - present