

## OBJECTIVE

To obtain an Internship or Co-op position within the field of Computer Network and Systems Administration.

## EDUCATION

Michigan Technological University  
**B.S. Computer Network and System Administration**  
GPA: 3.8

Houghton, MI  
**Expected 2016**

## INDUSTRY EXPERIENCE

**System Administration Intern**  
Marshfield Clinic

May 2014 – Present  
Marshfield, WI

***Marshfield Clinic is an organization with 1700+ servers, 7 PB of data, 60+ locations, and has over 3.8 million patient encounters each year.***

**Project:** Certificate Monitor

**Objective:** Develop a script to monitor the expiration date of all internal and commercial certificates within the enterprise.

- Created, tested, and implemented the Powershell certificate monitor
- Integrated the script with custom monitors to alert NOC when certificates are about to expire
- **Impact:** 50+ production servers hosting clinical applications

**Project:** Symantec Veritas Operations Manager (VOM)

**Objective:** Implement a tool to monitor Storage Foundation licensing and servers

- Researched, tested, and implemented VOM
- Operationalized the deployment of the VOM agent
- **Impact:** 115+ Production Storage Foundation Servers

**Project:** VMware vSphere 5 Upgrade

**Objective:** Upgrade all vSphere 4 hosts to vSphere 5 (Enterprise wide)

- Upgraded vCenter server at data recovery site
- Updated firmware and installed vSphere 5 on IBM BladeCenter hardware
- Virtualized 20+ production servers, including enterprise-wide mail servers
- **Impact:** 160 vSphere 4 hosts

**Associate Network Engineer**  
Up and Running Technology Solutions

Aug 2014 – Present  
Houghton, MI

***Working 20+ hours/week while maintaining full-time class schedule***

**Department of Defense ITAR certified corporation project:**

- Design, install, maintain, and support:
  - Windows 2003 / 2008 Server environments
  - Exchange 2007 / 2010 and SharePoint software
  - VMware vSphere / vCenter virtual servers
  - Juniper, Barracuda, and Dell Networking devices

**Project:** Data Loss Prevention

**Objective:** Manage user rights to encrypted company data

- Project lead / Subject area expert
- Installed and managed network level security management software
- Researched, tested, and deployed software on workstations and servers

**Project:** User Rights & Data Security Management

**Objective:** Monitored and granted control user access to company data

- Manage data stores and archives
- Manage software distribution and access

**PC Repair Department Manager / Network Technician**

Mar – Aug 2014

ProActive Network Solutions

Monroe, MI

- Managed Microsoft, Cisco, and VMware solutions
- Maintained server operations, network operations, and service desk for an organization serving the greater Midwest
- On-call and traveled to customer location to respond to network crisis
- Troubleshoot and repaired customer network crisis:
  - Windows desktops
  - Networking equipment

**Section Secretary**

May 2012– May 2013

Boy Scouts of America, Central Region Area 2A

Detroit, MI

Senior Year of High School

- 1 of 3 elected executive officers
- Made technology decisions for an organization with over 4500 members
- Managed IT projects for a geographical area of 21 counties in SE Michigan and NW Ohio

**Project:** Implement a Web Content Management System (CMS)

**Objective:** Redesign the organization's website

- Managed 2 web team developers
- Implemented site layout, features, and site analytics

## COMPUTER/TECHNICAL EXPERIENCE

- Powershell Scripting
- VMware HA, DRS, FT
- VMware virtual networking
- vCenter / vSphere 4/5
- Windows Server 2003 / 2008
- SharePoint 2007 / 2010
- Enterprise PKI
- Group Policy
- Cisco Catalyst 3500 Switches – Layer 2
- Cisco 1800 Series Routers
- IPswitch What's Up Gold
- C Programming
- Windows / Linux (Centos)

## LEADERSHIP

- Eagle Scout, Boy Scouts of America, Troop 547
- Vigil Honor, Order of the Arrow, Manitous Lodge 88

## ORGANIZATIONS

- Association of Information Technology Professionals (AITP)