

# CHRISTOPHER J HOWARD

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## SUMMARY

Continuous learner with a broad business, technical, and educational background that allows for quick adaptation to new systems and environments. Solid understanding of hardware, networking, security, business continuity, and disaster recovery concerns. Proficient at analyzing complex systems and problems and developing practical solutions. Looking to apply technical, analytical, and project management skills in support of an organization making a positive difference in the world.

## TECHNICAL SKILLS

**Tools:** Linux (Debian & RedHat), Python, Bash, PowerShell, Windows, JavaScript, PHP, HTML/CSS

**Frameworks:** WordPress, Laravel, CodeIgniter, Flask

**Databases:** MySQL, SQL Server, MongoDB, Neo4J

## RELEVANT EXPERIENCE

### Teachers Assistant

Mar 2020 – Present

### Trilogy Ed. Services

Minneapolis, MN

Support adult learners going through the 24-week Data Visualization and Analytics bootcamp at the University of Minnesota. Subjects covered include Excel, VBA, Python, R, JavaScript, SQL Databases, MongoDB / NoSQL, Tableau, Big Data, and Machine Learning.

### IT Systems Engineer

Jul 2016 – Aug 2019

### Nodus Inc.

Minneapolis, MN

Provide full-stack support to clients with a focus on customer service. Maintain and develop web applications using PHP, JavaScript, HTML/CSS using Laravel or CodeIgniter on a LAMP stack. Design and implement networks that allow clients remote access to critical systems without compromising security using hardware that fits the business needs and growth potential. Host websites and remote business applications on physical and virtual Linux or Windows servers.

### Consultant 3

Apr 2016 – Jun 2016

### Associate Network Engineer

Oct 2013 – Mar 2016

### Unisys

Eagan, MN

Provided support and project management for IT infrastructure supporting the Unisys Cargo application. Managed maintenance and upgrade support for a network of over 100 servers plus network devices including Windows, Linux, Checkpoint, F5, Cisco, and IDS technologies. Responsible for FTP and SFTP servers and network automation using VBS.

### Technical Analyst 3

May 2011 – Nov 2013

### Team Supervisor

Mar 2007 – May 2011

### Team Lead

Jan 2006 – Mar 2007

### American Red Cross Biomedical Services

St Paul, MN

Phlebotomist in charge of daily operations for blood donations at multiple fixed sites around the Twin Cities. Supervised two blood donation centers and up to nine team members for the North Central region of the Biomedical Services side of the American Red Cross. Joined the IT department with desktop support responsibilities for over 600 users along with the Avaya PBX and Octel voicemail systems and multi-function printer and device management.

## **EDUCATION**

**Data Visualization and Analytics Certificate: University of Minnesota**, Minneapolis, MN

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, MongoDB / NoSQL, Tableau, Big Data, and Machine Learning.

**BS, Management of Information Systems: Cardinal Stritch University**, Milwaukee, WI

## **VOLUNTEERING**

**Remote Volunteer**

Feb 2020 - Present

**American Red Cross Global Disaster Preparedness Center**

Washington, DC

Cleaning, analyzing, and creating reports on data supporting Red Cross applications used world-wide for disaster preparation.

**Disaster Action Team Volunteer**

Aug 2018 - Present

**American Red Cross Twin Cities Chapter**

Minneapolis, MN

Support local disaster response and recovery efforts through a variety of roles with the Twin Cities Chapter of the American Red Cross.

## **CERTIFICATIONS**

**Certified Associate in Project Management (CAPM):**

**Project Management Institute**, March 2018

**Network+:**

**CompTIA**, January 2018

**Competent Communicator:**

**Toastmasters International**, June 2011