

*Blake Johnson*  
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**Summary:**

I'm a self-taught computer technician, web developer and server operations manager. I've set up and optimized servers that perform various tasks (most notably web services). I like to code and configure/optimize as a hobby.

**Certifications:**

CompTIA A+ IT Technician.	2008
Microsoft Desktop Support Technician (MSDST)	2008
HP Accredited Platform Specialist	2008
Apple Certified Mac Technician	2010
LPIC-1 (Linux Professional Institute Certification)	2012

**Skills / Experience:**

**Operating Systems:**

DOS, Windows, Linux, MacOS X.

**Mobile Platforms:**

Android, iOS.

**End-User Programs:**

LibreOffice / OpenOffice.org, Microsoft Office

**Development Languages:**

(X)HTML, Javascript, PHP, MySQL, Bash, Python

**Services:**

Apache, Nginx, Microsoft IIS, LDAP, MySQL, Google Apps, VMware, Moodle

**Work History:**

Wayzata Public Schools. (Plymouth, MN) 2005 – present  
Web & Help Desk Support Technician

- Support staff (and occasionally students) with questions and concerns.
- Diagnose and fix computer problems.
- Manage and control the web servers.
- Design and build web applications.
- Manage settings in an Active Directory system.
- Create and maintain virtual machines in a virtualized environment.
- Create and patch RJ-45 cables in data closets when needed.
- Write shell scripts / batch files to automate the process of long, repetitive, and/or difficult tasks.
- Support Android and iOS devices.

--- Other---

Created web sites for several organizations. (Volunteer and Compensation) 2004 – 2011

**Technical Accomplishments:**

- **Server Migration:** I wrote a series of scripts to migrate data from one server to another, while taking into consideration destination folder name changes and other variables.
- **Online Video Converter:** I created an online video converter which is used district wide to convert videos from one format to another.
- **LDAP Lookup Utility:** I created an user friendly LDAP lookup utility to increase the productivity of myself and the people that work with me.
- **Filename Sanitizer:** I created a shell script that recursively goes through a given folder and strips all illegal FAT32/NTFS characters to make file transfers to Windows based file systems easier.
- **Self-Healing Servers / Server Notifications:** I wrote a series of scripts that monitor various web servers and generally heal them if the script finds something wrong. It will then send a notification message.
- **Repair Form Automation:** I created a script which parses through email contents generated from an online form, extracts all the relevant data, inserts it into a Word template, and then updates the ticket with the pre-populated template. The script also assigns the ticket to a specific individual depending on their building.
- **ACT/SAT/AP Score Parsers:** I wrote a script to parse through the ACT/SAT/AP score files to create a CSV file for easy uploading into the student database.