**Benjamin Johnson**

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Current Address Permanent Address

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Kalamazoo, MI 49006   Brookfield, IL 60513

**EDUCATION**

**Western Michigan University** – Kalamazoo, MI Dec 2014

Bachelor of Science in Computer Science GPA: 3.0/4.0

Minor: Mathematics

Favorite Courses: Data and File Structures and System Programming Concepts

**SKILLS**

* Programming Experience- Java, Python, C, PHP, Ruby, VBScript, Batch, Bash
* Linux Distributions- Debian (and many of its derivatives), Arch Linux, CentOS
* Databases Experience- SQLite, MySQL, and PostgreSQL
* Knowledge of Microsoft Servers, including Group Policy and Active Directory
* Experience with CUPS, DeepFreeze, Smart Shield and other enterprise server side software
* Developed and deployed images with both, MDT and Symantec Ghost Imaging Solutions
* Technical Writing- Ability to efficiently produce concise, organized code documentation and examples

**EMPLOYMENT**

**Teaching Assistant,** Department of Computer Science **Sep 2014-Present**

Western Michigan University, Kalamazoo, MI

* Helped design interesting, real world problems, for students to carry out as homework
* Provided grades and feedback for students’ homework and assignments
* Explained low level concepts such as, process forking, piping, and file descriptor duplication
* Helped the professor automate the grading of projects by creating test suites and project retrieval tools

**Systems Technician,** Waldo Library **Jan 2013- Present**

Western Michigan University, Kalamazoo, MI

* Design, develop and write scripts to run maintenance tasks for every Waldo Library computer
* Developed and implemented a Windows 7 image to over 100 public facing library computers, on 3 different hardware platforms, used by many library patrons daily without any bugs
* Collaborated with a small team of technicians to provide software support for more than 30 library applications
* Fixed hardware and networking issues for end users through careful troubleshooting and debugging

**Student Employee,** Valley One Cafeteria **Jan 2011- Jan 2013**

Western Michigan University, Kalamazoo, MI

* Utilized strong personal communication and teamwork skills to prepare food for over 200 students nightly
* Effectively completed a diverse set of tasks with a large staff in order to meet time deadlines

**PERSONAL PROJECTS**

* Built and developed a website to interface the gpio pins of a Raspberry Pi Micro PC using the Django web framework, and a SQLite database
* Assisting FOCUS Kalamazoo in designing a responsive web application using the PHP Laravel web framework and Twitter Bootstrap 3
* Designing a Ruby on Rails 4 application for high performance cluster computers
* Update and maintain two private Linux file servers for personal applications