

# Benjamin Johnson

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## Current Address

4519 W Main St. Unit A06  
Kalamazoo, MI 49006

## Permanent Address

3645 Grand Blvd  
Brookfield, IL 60513

## EDUCATION

**Western Michigan University** – Kalamazoo, MI

Bachelor of Science in Computer Science

Minor: Mathematics

Favorite Courses: Data and File Structures and System Programming Concepts

Dec 2014

GPA: 3.0/4.0

## 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

- Explain low level concepts to students such as process forking, piping, and file descriptor duplication
- Assist in designing interesting, real world problems for student assignments
- Provide both grades and instructional and supportive feedback on student coursework
- Assist professor in automating 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 over 150 computers in the main library
- Developed and implemented a Windows 7 image to over 100 public facing library computers, on 3 different hardware platforms, used by over 200 library patrons daily without any bugs
- Collaborate with a team of 7 technicians to provide software support for more than 30 applications and 70 library employees
- Resolve 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