Benjamin Johnson

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Current Address
4519 W Main St. Unit A06
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3645 Grand Blvd
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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