

Benjamin Johnson

(708)-655-5782 ◊ ben@benjamin-l-johnson.me

3645 Grand Blvd. ◊ Brookfield, IL 60513

4519 W. Main St. Unit A06 ◊ Kalamazoo, MI 49006

EDUCATION

Western Michigan University, Kalamazoo, MI

Dec 2014

Bachelor of Science in Computer Science

Minor in Mathematics

GPA: 3.0/4.0

EMPLOYMENT

Department of Computer Science

September 2014 - Present

Teaching Assistant

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

AJAX Hosting

December 2009 - October 2010

Lead Developer

Austin, TX

- 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

TinySoft

January 2008 - April 2010

Web Designer & Developer

Gainesville, GA

- 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

TECHNICAL STRENGTHS

Computer Languages	Prolog, Haskell, AWK, Erlang, Scheme, ML
Protocols & APIs	XML, JSON, SOAP, REST
Databases	MySQL, PostgreSQL, Microsoft SQL
Tools	SVN, Vim, Emacs

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