Paul Woolcock

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OVERVIEW

- Will be graduating this April with a Bachelor's degree in *Computer Science*, with a concentration in *Software Engineering*
- For the last 3 years, has been building web applications for the University of Michigan-Flint using a variety of technologies, including *Python*, *PHP*, *Java*, *SQL*, *HTML*, *CSS*, and *Javascript*
- Has begun to explore the Open Source community by contributing to a handful of projects, and participating in a handful of communities via their IRC rooms and mailing lists
- Passionate about playing the guitar and learning new programming languages. Currently learning *Smalltalk* and *Factor*, and has dabbled in many others

OPEN SOURCE   January 2012

- Rust Programming Language - Contributor
  https://github.com/mozilla/rust
  https://mail.mozilla.org/...012-March/001511.html

EXPERIENCE   *Web Software Developer*   September 2009 - Present
University of Michigan-Flint,
Information Technology Services, Flint, MI

- Implemented a custom Events Management solution that allows the Academic Advising and Career Center to more easily manage their Career Fair events
- Provided support and training for users of Autonomy/Interwoven Teamsite, the campus's Content Management System
- Developed Java/XSLT components for Autonomy/Interwoven Livesite, the Content Management System the campus is moving to
- Helped develop an E-Commerce solution for selling software to students, faculty, and staff on campus
- Implemented a Microsoft SharePoint 2010 system across campus, and held training sessions for users

Student Web Software Developer   February 2009 - September 2009
University of Michigan-Flint,
Information Technology Services, Flint, MI

- Developed a mobile version of the campus's Faculty/Staff directory
- Helped develop an interactive campus map using the Google Maps API
- Provided training and support for the campus CMS

Helpdesk Technician   June 2008 - August 2009
Genesee County Community Mental Health,
Information Technology Department, Flint, MI

- Provided desktop support to the Staff of GCCMH both over the phone and in person

- Assisted in the setup and imaging of new agency computers
- Performed basic Active Directory administration

SKILLS

Software Engineering

- Expert in *Python.* Fluent in *PHP* and *Javascript.* Proficient in *C*, *Java*, *Objective-C*, *Clojure*, and *C++*
- Experienced with web development frameworks like *Django*, *Flask*, and *CakePHP*
- Experienced with testing frameworks such as *Nose* and *JUnit*
- Experienced with version control systems such as *Git* and *Mercurial*

Web Development

- Fluent in developing cross-browser, W3C standards-compliant websites and web applications
- Proficient in using external APIs such as those provided by *Facebook*, *Twitter*, and *Google*

System Administration

- Familiar with configuring *Linux* distributions such as *RedHat Enterprise Linux*, *CentOS*, *Debian*, and *ArchLinux*
- Experienced in administrating web servers such as *Apache httpd*, *Microsoft IIS*, and *nginx* as well as *WSGI*-compliant web servers like *gunicorn*, *uWSGI*, and *mod_wsgi*
- Experienced with in-memory data systems like *Redis* and *Memcached*
- Experienced with setting up and administrating *MySQL*, *PostgreSQL,* and *Microsoft SQL Server* databases

EDUCATION

Bachelor of Science, Computer Science
University of Michigan-Flint, Flint, MI
Expected April 2012
Concentration: Software Engineering
Minor: Mathematics

- For Senior Capstone Project, designed and wrote the code for an *iPad/iPod*-based hospital "Call Button" system.

Bachelor of Arts, Music
Alma College, Alma, MI
May 2005
Concentration: Classical Guitar

References available upon request

The source code for this résumé is available at
https://github.com/pwoolcoc/resume.git