

Paul Woolcock

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OVERVIEW

- For the last year, has been working as a *Software Engineer* writing *Perl* for the security & storage company Barracuda Networks, out of their Ann Arbor, MI office.
- Graduated in April 2012 with a Bachelor's degree in *Computer Science*, with a concentration in *Software Engineering*
- For 3 years, built 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 *Rust* and *Factor*, and has dabbled in many others

OPEN SOURCE

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

January 2012

EXPERIENCE

Software Engineer
Barracuda Networks,
Ann Arbor, MI

July 2012 - Present

- Working on a team of 4 developers, writing *Perl* for the Barracuda Appliance Control, a central management system for Barracuda network appliances.

Web Software Developer
University of Michigan-Flint,
Information Technology Services, Flint, MI

September 2009 - July 2012

- Implemented a custom Events Management solution that allows the Academic Advising and Career Center to more easily manage their Career Fair events
- Implemented a Python wrapper for the campus Catalog API.
- Provided support and training for users of Autonomy/Interwoven Teamsite, the campus's Content Management System
- Developed Java/XSLT components for Autonomy/Interwoven Livesite, a Content Management System
- 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
University of Michigan-Flint,
Information Technology Services, Flint, MI

February 2009 - September 2009

- 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
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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 *Perl*, Expert in *Python*, Fluent in *Erlang*, 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
- Experienced with build systems like *GNU Make*
- Familiar with automated provisioning tools such as *Puppet* and *Chef* in a development environment

EDUCATION

Bachelor of Science, Computer Science
University of Michigan-Flint, Flint, MI
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

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