

Jacob Andreas Helwig

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- SKILLS ◇ Ruby, Perl 5, Unix Shell, JavaScript, Python, C/C++
 ◇ PostgreSQL, MySQL, Apache
 ◇ Gentoo, Debian GNU/Linux, OS X, MS-Windows
- OPEN SOURCE WORK ◇ **Contributions**
 Puppet Core developer.
 Facter Core developer.
 Puppet Dashboard Core developer.
 Perl 5 Core Bug fix to the debugger.
 ◇ **Perl**
 Bot::BasicBot::Pluggable::Module::Gitbot Port of the gitbot Ruby IRC bot.
 WWW::PivotalTracker Perl 5 interface to Pivotal Tracker.
 WWW::StaticBlog Blog “engine” to generate a static, feature-rich site.
 ◇ **Ruby**
 octocat_herder Ruby interface to GitHub API v3.
 Ruby-GitHub-Pull-Request-Email-Bot Send Pull Request event notifications to a mailing list.
- WORK EXPERIENCE ◇ **Open Source Team Lead**, Puppet Labs, Portland, OR (August 2010 – Present)
 · Maintainer & Open Source Team lead for the Puppet, Facter, and Puppet Dashboard Open Source projects.
 · Key contributor to creating Puppet Labs’s first commercial offering (Puppet Enterprise).
 · Successfully built a self contained stack of Ruby, Apache, Passenger, Puppet, Facter, and Puppet Dashboard (along with supporting libraries and Ruby Gems) for Puppet Enterprise on CentOS, RHEL, Debian, and Ubuntu with a tight deadline.
 · Increase community awareness and involvement by leading “hackathons” to help community members get involved in core Puppet development.
 ◇ **Software Developer II**, Rentrak Corporation, Portland, OR (November 2007 – August 2010)
 · Convert company from SVN to Git using submodules, and project specific branches for integrating shared code across 13 projects.
 · Successfully transitioned company project deployment process from custom scripts to Capistrano as part of Git migration.
 · Lead back-end developer for Digital Download Essentials.
 · Member of team to create a testing suite/framework for the internal JavaScript library using Screw.Unit, Test Swarm, and Selenium.

- Project lead for creating an online rental reservation system for video rental stores.
 - Project lead for establishing the online-commerce portion of ForMovies.com.
 - Introduced the Continuous Integration server using Cruise Control.
 - ◇ **Computer Technician**, Busch's, Inc., Ann Arbor, MI (May 2006 – November 2007)
 - Implement and maintain Request Tracker to keep track of all “help desk” issues across 12 sites.
 - Implement NAGIOS monitoring on all points of sale, and key servers and workstations in a 12 site environment.
 - Configure and maintain all workstations, and points of sale (Windows 2000/XP) across 12 sites.
 - Handle in-house technical support.
 - ◇ **Web Developer**, Wizzywig Collectibles, Ann Arbor, MI (November 2003 – July 2004)
 - Automate maintenance of items in web based sales system.
 - Maintain web commerce site, and handle processing of Internet based sales.
 - ◇ **Mail Administrator**, Howard I. Bleiwas and Associates, Novi, MI (2000 – 2005)
Install and maintain Linux/exim/SpamAssassin/ClamAV mail server to handle all mail traffic in and out of office.
 - ◇ **Intern Unix Administrator**, Eaton Bar Steel Company, Livonia, MI (May 2002 – August 2002)
 - Install and maintain Oracle in Sun server environment.
 - Automate portions of database import into Oracle.
 - Implement corporation wide spam filtering on all incoming email, and virus scanning on all outgoing and incoming email using a Linux based platform.
 - ◇ **Freelance Developer** (2000 – 2003)
Design and develop multi-user content management systems for web sites using PHP, MySQL, and CSS based layouts.
- SERVICE
- ◇ **PDX Hackathon**, Portland, OR (August 2010 – Present)
Organizer of the weekly coder's social in SE Portland.
 - ◇ **Open Source Bridge**, Portland, OR (2010, 2011)
Member of the Content Selection Committee.
 - ◇ **Purdue University**, West Lafayette, IN (August 2002 – May 2003)
President of Purdue University chapter of the Association for Computing Machinery.
 - ◇ **Purdue University**, West Lafayette, IN (December 2001 – May 2002)
Web-master of Purdue University chapter of the Association for Computing Machinery.