

Joshua McIntosh

Located in Antioch, California

(925) 526 - 6308; View my LinkedIn profile

Summary

- Linux admin and web engineer with enterprise experience; providing statistics collection and automation tasks for about 1,000 servers; with working experience in LDAP, the LAMP stack, yum/rpm, facets of repackaging software for UNIX and Linux consumption, RHEL and CentOS distributions of Linux as well as Solaris 5.9 and 5.10; And experience with Ruby On Rails, some PHP libraries and frameworks, as well as client-side and server-side javascript.

Related Experience

- **Autodesk, Inc.**—San Rafael, CA
December 2011–September 06, 2012
 - **Server Administration:**
 - * assisted with day-to-day tasks such as installing and maintaining software, as well as ticketed events, such as disk overusage or application errors
 - * Helped other engineers with projects, including vulnerability testing, upgrading consoles, and data collections.
 - * Worked on maintenance tasks across upwards of 1,000 servers.
 - **Website Design and Engineering:**
 - * Designed server inventory system using the LAMP stack and PHP's Savant templating library, as well as jQuery, Flot, and Twitter Bootstrap. Site also used nagios and rrdtool as a data provider.
 - * Built a proof of concept site using Angularjs and PHP's Slim application, also with jQuery and Twitter Bootstrap.
 - * Worked on a web interface for managing a multiple-system sudoers file driven by Ruby on Rails and Active Directory via ruby-ldap.

Skills/Interests

- **Computer Systems—Linux:**
 - Primary computing platform of choice is Linux, using the Archlinux distribution.
 - Experience with rpm, dpkg, tar and other package management systems, as well as frontends to those.
 - **LFS:** built a GNU/Linux software distribution from “scratch” under the instruction of the Linux From Scratch Project. This involves partitioning, setting up file systems, retrieving sources for all system packages, building a temporary and then permanent C/C++ toolchain, building/configuring packages, setting up virtual nodes for initial devices and finally setting up the user and boot sequences for that system.
 - In short, Linux is **fun** to learn and work with.
- **Computer Systems—Tools:**

- **Web Design:** Experience with jQuery, Ruby On Rails, Twitter Bootstrap, Angular, some Backbone.js.
- **L^AT_EX:** Experience with L^AT_EX, used for professional documentation.
- **Music:** I've played trumpet for the last 10 years, which has not only been fun but has had me working with people of all different kinds.

Education

- **Los Medanos Community College**—Pittsburg, CA
Computer Science, 2008–present
 - Completion of classes pertaining to basic programming and Object-oriented programming in C++, programming logic and design, Network Operating Systems, and Web design in html, css, the Dreamweaver IDE, and basic Flash programming.
 - Eligible for the Web Design certificate.
- **Antioch High School**—Antioch, CA
Started 2004, Graduated 2008
 - Participated in: Marching Band/Concert Band 2004–2008, Jazz Band 2006–2008, East County Honor Band approx. 2005, 2007, brass section leader 2007–2008
 - John Philip Sousa Band Award, 2008
 - Golden State Merit Diploma

Volunteer Experience

- **Thanksgivings Day:** I've volunteered time over many thanksgivings at the American Legion Hall in Antioch, preparing and serving food. 2001-present.
- **Computer Technitian**—(Self-Employed)
Computer Services: 2009–present
 - I've troubleshooted problems for home users, from desktop software tweaks and network to hardware upgrades.
- **Marching Band:** After graduating, I continued to help the band with organizing events, serving food and many other tasks. 2008-2011.
- **Youth Group:** I participated in and led a youth group at Golden Hills Community Church, approx. 2003-2007