

Michael Burns

CONTACT	517 Glenwood Avenue Apartment H Menlo Park, California, 94025	+1 (503) 480-9360 mburns@mirwin.net http://unemployable.me
EDUCATION	Oregon State University , Corvallis, Oregon <i>studied</i> Computer Science <i>minored in</i> Business Administration	2005 – 2010
	Chemeketa Community College , Salem, Oregon <i>studied</i> Network Technology	2004 – 2005
EXPERIENCE	Mozilla , San Francisco, California <i>Site Reliability Engineer</i> Became primary admin for Mozilla's popular mailing list and newsgroup system, comprising hundreds of lists and tens of thousands of users. Handled user support issues and rolled out updates through custom RPMs and Puppet configuration changes. Responded to Linux, hardware and network faults in On Call rotation, coordinating cross-discipline solutions while communicating status to concerned parties.	September 2011 – Present
	Concentric Sky , Eugene, Oregon <i>System Administrator</i> Supported a hosting architecture of Debian, Nginx, uWSGI, Memcached and PostgreSQL to run Django websites in English and Japanese featuring user-created content with failover capabilities to ensure uptime.	November 2010 – August 2011
	Mirwin Consulting , Portland, Oregon <i>Web Designer</i> Built interactive websites using Drupal, Wordpress, Django and Pylons for local and regional businesses, often providing additional support for related IT issues for customers.	July 2009 – November 2010
	Google , New York City, New York <i>Linux System Administrator Intern</i> Worked on a log graphing tool for internal dashboards with the Internal Storage group. Updated a series of onboarding web documents to clarify best practice and distill redundant sources into a cohesive, clear guide for non-engineers to learn topical technical knowledge.	Winter 2008
	Open Source Education Lab , Corvallis, Oregon <i>Open Source Evangelist</i> Presented on the benefits of strategic uses for Open Source in Academia and helped integrate FOSS case studies into upper-division business coursework. <i>Executive Committee Member</i> Co-founding organizer and presenter at Beaver Barcamp, a semi-annual 'un-conference', covering a broad range of experience levels and discussion topics.	September 2007 – August 2010

EXPERIENCE	<p>One Laptop Per Child, Boston, Massachusetts Summer 2007</p> <p><i>Google Summer of Code Student (GSOC)</i></p> <p>As member of the Security team, audited the Rainbow security system from the Bitfrost design spec and built RPMs as a Fedora Project Contributor. Other duties including producing small Python patches to resolve build and commit errors commonly found in a young, turbulent codebase. Became a co-founding member of the community “Support Gang” and admin of the official OLPC support forum to provide a distributed customer support service to novice users.</p>
	<p>Open Source Lab, Corvallis, Oregon October 2006 – June 2007</p> <p><i>System Administrator</i></p> <p>Managed servers through CFEngine to support the internal needs for many open source projects.</p> <p><i>Community Evangelist</i></p> <p>Served as a public face to student Open Source development, including interviews and conference presentations on behalf of the Lab. These efforts helped secure significant corporate funding to further the Mission.</p>
	<p>Oregon State University, Corvallis, Oregon February 2006 – March 2007</p> <p><i>Network Security Student</i></p> <p>Learned to support a large-scale network infrastructure with diverse user requirements and application workloads. Analyzed application, server and netflow logs to coordinate responses to user issues and external abuse reports.</p>
	<p>Salem-Keizer School District, Salem, Oregon Jun 2004 – September 2005</p> <p><i>Network Technician Intern</i></p> <p>Team lead to conduct inventory audit and cable management cleanup to Oregon’s 3rd largest school district’s network infrastructure, comprising approximately 70 schools and 250 IDF/MDF networking closets while coordinating downtime with stakeholders and handling impromptu customer support at each locale.</p> <p>Deployed centralized Microsoft security update systems and Avaya router/switch management tool enterprise-wide, tracking network device health and usage with SNMP. Deployed Avaya, Novell NetWare, and Windows NT systems to provide critical on-site services at remote sites, including DNS, DHCP and VLAN port configuration to enforce security policies.</p>
HONORS	<p>President of the Oregon State University Linux User Group (OSULUG) 2008</p> <p>Awarded the ‘Snort Scholarship’ from Sourcefire, inc. for network security research 2007</p> <p>Completed the Cisco Certified Networking Associates (CCNA) courses and labs 2005</p> <p>National finalist in the Future Business Leaders of America Network Design competition 2004</p>
PROFICIENCIES	<p>Experienced: Bash, Puppet, GNU/Linux, Mailman, HTML</p> <p>Familiar: Apache, Python, Git, SQL, Mac OS X</p> <p>Used: Postfix, CFEngine, BIND, IOS, TCL/Expect, C</p>
PRESS	<p>Cathleen Hockman-Wert, “RealNetworks Rewards Efforts of OSU Student Programmers”, <i>OSU Foundation</i>, April 06, 2007.</p> <p>Donnie Berkholz, “Students Go Down Under”, <i>Open Sources</i>, pg. 1, March, 2007.</p> <p>Dan Traylor, “OSU joins ‘open source’ effort to aid developing countries”, <i>The Daily Barometer</i>, February 16, 2007.</p>