

MARIO CHAMORRO

Post Office Box 51060 | Boston Massachusetts | 02205-1060
mario@chamorro.us | 617.895.7038 | <http://www.chamorro.us/>

OBJECTIVE

A position that provides the opportunity to contribute to an organization by utilizing my experience in Linux administration and programming

CERTIFICATIONS

A+ , Network+ , Linux+ , Security+ , MySQL Core , RHCT , Dell Technician

SKILL SET

Red Hat Linux , Oracle Linux , CentOS , Fedora
BASH , PERL , PHP , Python , C/C++ , Spanish
Apache , Tomcat , MySQL DB , Sendmail , Postfix , Qmail
[minor] Debian / Ubuntu , FreeBSD , Oracle DB , VMWare [/minor]

EDUCATION

EXTENSION SCHOOL , Cambridge, Massachusetts
Expected 2011 : ALM - Information Technology

- * information management systems track
 - o internet protocols (fall 2007)
 - o php / mysql / ajax / google maps (spring 2008)
 - o managerial accounting (summer 2008)
 - o ruby on rails (fall 2008)
 - o oracle database administration (spring 2009)

SAN JOSE STATE UNIVERSITY , San Jose, California
B.S., Computer Science, August 1999

- * completed 3 subject tracks (2 required)
 1. software engineering
 2. distributed systems
 3. networks
- * Windows MFC GUI programming
- * Java distributed threads project
- * Java client / server project

CALHOUN COMMUNITY COLLEGE , Decatur, Alabama
A.S., Missile and Munitions Technology, August 1994

SIMON'S ROCK COLLEGE , Great Barrington, Massachusetts
A.A., Liberal Arts, June 1988

EXPERIENCE - FULL TIME

PAREXEL / PERCEPTIVE , Lowell, Massachusetts
May 2008 - Present : Senior Systems Engineer

- * handled internal Java / Oracle / Linux / Tomcat (JOLT) systems
- * F5 BigIP configuration of virtual servers, iRules, and pools
- * worked in a tightly managed Change Control environment
- * Java / JDK / RPM / Tomcat installations and builds
- * worked with VMWare virtualization and EMC storage
- * rsync / disaster recovery wrapper script
- * Kickstart generation script enhancements
- * introduced Oracle Enterprise Linux
- * created other BASH scripts to automate workflow

ASK.COM / BLOGLINES.COM , Bedford, Massachusetts
July 2007 - March 2008 : Linux Systems Administrator

- * organized and maintained front line Ask and Bloglines servers
- * worked in heterogeneous 600+ server Linux / Windows environment
- * managed servers with Active Directory and SiteScope infrastructure
- * operated RHEL3 RHEL4 RHEL5 OS on Dell 1750 1850 1950 2650 2950 hardware

CONNECTIV SOLUTIONS , Cabin John, Maryland
September 2006 - March 2007 : Linux Systems Engineer

- * built, configured, and installed systems with CentOS and RedHat
- * worked in a team to streamline a process already in place
- * configured MySQL, Samba, Subversion, and other software
- * wrote BASH and PERL scripts and some C programs
- * redesigned network to enhance security
- * formalized data backup / archive
- * installed FreeBSD bastion server
- * software RAID configurations

RACKSPACE HOSTING , San Antonio, Texas / Herndon, Virginia
January 2004 - August 2006 : Linux Systems Engineer

- * provided level 3 Linux hosting support in English and Spanish
- * developed BASH scripts to monitor and solve customer issues
- * built reputation for handling heavy workload and for top performance
- * system administration of all webhosting related software including:
 - o Plesk System Administration control panel
 - o ProFTPD , WU-FTPd , vsFTPd , Apache
 - o Sendmail , QMail , Courier IMAP/POP
 - o MySQL , PHP , RPM , Webmin
 - o Red Hat Enterprise Linux

OPENWAVE SYSTEMS , Lexington, Massachusetts
November 1999 - March 2001 : Software Engineer

- * enhanced the InterMail electronic mail messaging system
- * Solaris, AIX, HP-UX, and OSF1 development system administration
- * collaborated on LDAP, Oracle, and AIX memory management problems
- * troubleshoot multi-threaded messaging servers (SMTP, POP3, IMAP4 ...)
- * ported software system from Solaris 2.6 to 2.8 and handled other platforms
- * maintained InterMail administration utilities in C++, PERL, and Bourne shell

INCAL TECHNOLOGY , Milpitas, California
September 1995 - April 1997 : Programmer

- * created and enhanced semiconductor test applications in C++ and Pascal
 - o integrated circuit signal programs
 - o device and memory interface programs
- * performed Netware 3.12 system administration
- * implemented tape backup and recovery procedure
- * introduced e-mail (Lotus CC:Mail) and remote access
- * performed basic webmaster and Windows desktop support tasks

EXPERIENCE - PART TIME

ENERNOC , Boston, Massachusetts
April 2008 : Linux System Administrator

- * setup Samba server, Oracle client and Cognos BI server
- * setup VMWare Linux virtual machines
- * resolved RedHat Linux issues

YOUR SITE , Pittsfield, Massachusetts
April 2002 - August 2002 : Technical Support

- * created backup scripts for critical system / hosting files
- * supported Zeus, Apache, DMail, Postfix, DNS, FTP, and MySQL servers
- * provided level 3 support via phone and e-mail in English and Spanish
- * wrote, debugged, and supported PERL, BASH and PHP scripts on Solaris
- * built a reputation for quick and courteous solutions in English and Spanish

BERKSHIRE GAS / MANPOWER , Pittsfield, Massachusetts
April 1998 - August 1998 : Help Desk

- * created network reports with Crystal Reports and Microsoft Access
- * created Visual Basic application to retrieve AutoCAD maps
- * Netware 4.11 / GroupWise administration
- * Windows NT Workstation desktop support

AMERICAN MUSICAL THEATRE , San Jose, California
April 1997 - November 1997 : Network Administrator

- * implemented and verified tape backup, recovery, and security procedures
- * performed webmaster tasks and Windows desktop support
- * discovered that Oracle DB had never been backed up
- * performed Netware 3.12 system administration
- * introduced, and installed Windows NT Server

INTEGRATED DEVICE TECHNOLOGY , Salinas, California
May 1995 - August 1995 : Engineering intern

- * PCB design with AutoCAD
- * Created internal design manual
- * Vendor interaction, PCB manufacturing site tours

BUSINESS / MILITARY

BAGELS N BITS , Pittsfield, Massachusetts

April 2001 - December 2003 : Owner / System Administrator

- * created LAMP (Linux/Apache/MySQL/PERL) web hosting engine
- * created PERL/CGI server system governing wireless internet access
- * investigated beta DHCP server for subnet network access functionality
- * administration of named, mysqld, httpd, proftpd, postfix, couriertcpd, sendmail
- * investigated file sharing abuse with tcpdump
- * managed users using iptables and DHCPd
- * took corrective action upon cracker break ins
 - o Linux Slammer Apache SSL exploit resolved with mod_ssl patch
 - o WU-FTPd root exploit resolved by switching to ProFTPd

UNITED STATES MARINE CORPS RESERVE , Redstone Arsenal, Alabama

June 1993 - May 1997 : HAWK / IFF radar technician

- * ASM86, schematic diagrams, test equipment, electronics, soldering, etc.