

Charles F Morrison

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Computer skills:

Linux/UNIX system administration

Linux user since 1995 for personal and professional tasks

Experience with Red Hat, SuSE, Debian, Mandrake and other Linux distributions

Experience with AIX, IRIX, and Solaris UNIX systems

Experience setting up, trouble shooting and administering large Beowulf compute clusters

Experience setting up Open LDAP authentication in heterogeneous computing environment.

Database administration & programming

Linux/UNIX based databases: ORACLE, MySQL, PostgreSQL

Web programming with C, Python and other scripting languages

MS Windows based databases: Access, SQL Server, Course certification in SQL Server

Internet server installation, configuration & maintenance

Apache web server, SSH, FTP and other Internet services

Programming

C++, C, Python, Java, shell scripting - basic to intermediate level

Static HTML and dynamic Web interfaces utilizing database back ends

Communication skills:

Teaching & Presentations

College level teaching experience (Vermont State College system, 3 years)

Seminar presentation experience (Colorado State & County Health

Departments, 4 years)

Technical presentation experience as regional technical systems engineer at VA Linux systems

Professional positions:

Dates	Company	Position
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Sept. 2004 to Present	Cornice, Inc. - Longmont, CO	Systems Engineer
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Duties: Providing support for Oracle (on Linux) database back end to IFS financial system. Installing and maintaining Veritas NetBackup on Linux. Designing and implementing OpenLDAP/Samba authentication for Linux/Windows XP environments. Project manager for company wide email migration to MS Exchange from Postfix.

Training classes taken: IBM Disaster recovery seminar

Hardware Platforms: Intel based servers

Software Utilized: Linux variations - Mepis, RedHat, CentOS, Mandrake, Gentoo.

Windows XP, Windows 2000 Server, Windows 2003 Server

Dates	Company	Position
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Oct. 2001 to 2/2004 HPTi - Boulder, CO NOAA campus Associate

Duties: Providing hardware and systems administration support for the HPCS compute cluster at NOAA (768 dual Intel Xeon and 142 Dec Alpha computers). Assessing the state of system components, replacing failed parts, providing on site Linux system administration. Creating documentation about the system via database applications and spreadsheets.

Training classes taken: ADIC tape management software - StorNext management suite
NOAA Security Awareness Course
N-CIRT Effective Security Measures for UNIX operating systems
SANS Institute course: network security
Sun Microsystems: Sun Grid Engine, job queuing software

Hardware Platforms: DEC Alpha and Intel Xeon P4 dual processor computers,
Myrinet high speed network, Fibre Channel, Clarion RAID, Data Direct
Networks
High Speed Traffic Directors with RAID, Fast and Gigabit Ethernet

Software utilized: Red Hat Linux, SGI IRIX, Sun Solaris, Crossover Office running MS Office, Visio and Access. Open Office applications, MySQL, Moin wiki, OpenPBS, Sun Grid Engine, Zope, Python, BASH shell scripting, StorNext, vi, ssh etc...

Commendations: 2 letters of commendation from NOAA & HPTi management
Member of a team receiving employee of the month award

Dates	Company	Position
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Oct. 1999 to Mar. 2001 VA Linux Systems - Fremont CA. Sr. Systems Engineer

Duties: Managed all technical issues arising within the sales cycle including designing systems to customer specifications. Assessed, built and supported web server clusters and Beowulf compute clusters with setup, remote management and administration.

Hardware Platforms: Intel Xeon P3 dual Processor computers, Myrinet high speed networks, Ethernet

Software utilized: Linux, System Imager, Star Office, other Linux based software

Training classes taken: RAID Storage Devices
SAMBA: Linux - Windows integration
System Imager: System cloning software

Dates	Company	Position
Mar. 1996 to Oct. 1999	Weld Health Dept. - Greeley, CO	Project Manager - CoHid
<p>Duties: Created Visual Basic/Access data application to distribute health related data to all Colorado public health agencies. Created a secure, dynamic web based database application on Linux platform for expanded health data access. Provided training for same statewide. Created specialized data applications for WCHD including time keeping system and lab record application, both in use for over 5 years.</p> <p>Hardware Platforms: Intel processor computers</p> <p>Software utilized: Windows 3.1, 95 and NT, MS Access, SQL Server, Red Hat Linux, MySQL, Apache web server, C, C++ & PERL</p> <p>Training classes taken: MS SQL Server Health specific data collection / retrieval systems at CDPHE</p> <p>Commendations: Leadership in Public Health Award from WCHD</p>		

Dates	Company	Position
Jun. 1994 to Mar. 1996	SCT Inc. - Greeley, CO	Micro-Computer/Network Specialist
<p>Duties: Member of the team that transformed Weld County's IBM mainframe computer system to a Novell based client/server distributed network. Developed database applications on Windows 3.1 platform. Ran help desk</p> <p>Hardware Platforms: Intel processor computers, Compaq Desktops and Servers</p> <p>Software utilized: MS DOS 3.x-6.x, Windows 3.1, Novell Network 3.12 & 4, Novell WordPerfect Office, Novell Groupwise, BenData help desk software</p> <p>Training classes taken: SQL language training BenData Help Desk software training (at BenData)</p>		

Dates	Company	Position
Sept. 1992 To Jun. 1994	Micro Computer World - Greeley, CO	Salesperson
<p>Duties: Sold computers in Store. Delivered and set up same. Performed basic troubleshooting and repair.</p> <p>Hardware Platforms: Intel processor computers, Apple Macintosh computers</p> <p>Software utilized: MS DOS 3.x-6.x, Windows 3.1, Mac operating systems, Dos</p>		

Windows and Mac applications like Lotus123, Word, Clarisworks, WordPerfect

Dates	Company	Position
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Sept. 1992 To present	Self Employed	Computer Consultant
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Duties: Providing consulting services to business and government agencies including Weld Library District. Web/database application programming and system administration

Software utilized: Windows, Visual Basic, Linux, Apache web server, Zope, Python, MySQL and many others

Earlier professional experience includes

College Instructor (Music)
Musical performance
Musical instrument making
and business ownership.

Formal Education:

Status	Degree	Institution
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Unfinished	MSCIS	Regis University, Denver, CO 1997-99
	Course work in MSCIS degree program (examples)	
	Program Management	A
	Systems Analysis	A
	Oracle programming	A
	List of other courses taken is available on request	

B.S. 1990	Environmental Science	Lyndon State College, Lyndonville, VT 1990
	Included Fortran programming	A
	Transcript available on request	

Course work		
C programming	A	Aims Community College, Greeley, CO 1994
C++ programming	A	Aims Community College, Greeley, CO 1994