Jeffrey F. Hungerford

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OBJECTIVE:

I would like to find challenging employment, allowing me the opportunity to use as many of my skills as possible, as well as helping me to continue to learn new skills.

EDUCATION:

1998 - 2000	Michigan State University / East Lansing, Michigan
	Computer Science, Graduate Study
1994 - 1998	Michigan State University / East Lansing, Michigan
	Computer Science, B.Sci. (Cognate in Business)

RECENT WORK EXPERIENCE:

January 2001 - Present Electronic Data Systems, Warren MI:
Infrastructure Analyst (Sysadmin)

As a member of a large team, in an extremely large computing environment, I am gaining experience in the management of large HPUX servers, the issues that come up in multi-terabyte NFS environments, with thousands of users, and the processes necessary when a large datacenter transitions from one server platform to another (HP V class transitioning to EMC^2 Celera and HP Superdome).

June 1999 - November 2000 Quantum Consultants, Inc., East Lansing MI:
Sysadmin

Working in an extremely diverse computing environment, I performed a wide variety of tasks related to system administration. Some of the tasks I performed included: Designing and implementing a company wide E-Mail system (including web based components, and a LDAP system), configuring and maintaining WAN links between offices, general maintenance (software installs, backups, initial setup, upgrades) of a variety of different UNIX systems (Irix, FreeBSD, Linux), troubleshooting and data recovery, general network maintenance (setting up firewalls and proxies, configuring routers, troubleshooting, network planning), NT domain administration, and technical support.

May 1998 - October 1999 Michigan State University - Computational Ecology and visualization Laboratory:
Graduate Research Assistant (programmer)

From the Spring of 1998 until the Fall of 1999, I worked for Dr. Gage in the Entomology department of Michigan State University. I was involved in integrating a series of numerical simulations together using an Oracle database as a central datastore. In the course of this, I gained experience in selecting the optimal technique to move datasets of over several hundred megabytes into and out of a database server. I also gained experience in writing and optimizing numerical simulations, as well as an introduction to Irix administration.

1997 - 2000   Alagad Graphic Design, East Lansing MI:
                               Sysadmin/Developer

From the summer of 1997 until the summer of 2000, I acted as a system administrator for a small internet start-up. My duties included hardware selection, operating system/server software selection, system setup, system maintenance, security evaluation, programming (cgi and other server side scripting) and training of additional personnel. I primarily worked with Linux and FreeBSD as server operating systems, and the Apache and Roxen webservers.

1994 - 1997   Michigan State University, Department of Chemistry:
                               Undergraduate Research Assistant

I worked for Dr. Galloway and Dr. Hunter in the Chemistry Department at Michigan State University. I translated a series of software packages from the Macintosh platform to Microsoft Windows. In the course of this work, I have also gained experience in graphic manipulation (static pictures and animations), and in web page design.

SKILLS

RECENT TRAINING:

- HPUX Sysadmin
- HPUX LVM
- HPUX ServiceGuard
- HP Superdome

PROGRAMMING LANGUAGES

- C
- C++
- Smalltalk
- UNIX Shell Scripting
- SQL
- Javascript
- Java
- Pike
- RXML

SELECTED OPERATING SYSTEMS I AM EXPERIENCED WITH:

- Windows (95/NT/2K)
- Solaris
- FreeBSD
- HPUX
- Linux
- OpenBSD
- Irix
- NetWare
- MacOS (9/X)

SELECTED SOFTWARE I AM EXPERIENCED WITH:

- FrameMaker
- CodeWarrior
- Apache
- PostgreSQL
- Premiere
- OpenLDAP
- Sendmail
- Word
- gcc/g++
- Roxen
- Oracle
- iMovie
- CYRUS-IMAP
- BMC Patrol
- Powerpoint
- ProjectBuilder
- QuickTime Streaming Server
- Access
- Final Cut Pro
- Qmail
- VisualWorks Smalltalk