

CAREER OBJECTIVE:

To use my skills, experience and adaptability to obtain a systems administration, engineering or programming position where I am constantly challenged. My greatest strength is my ability to walk into a new environment and be functional immediately. I am quick to learn and adapt to new situations, configurations and technologies.

EMPLOYMENT HISTORY:

Proxy IT, Inc., Los Gatos CA

Systems Administrator and IT Operations, Contractor

2003-Present

- ☉ Began as a remote sysadmin maintaining the Stata Labs hosting infrastructure.
- ☉ Configuration and installation of Windows and Unix servers for clients.
- ☉ On-site technical support for client Windows, Unix and OS X systems.
- ☉ Assigned full time to Ziff Davis to take over operations for 1up.com in February 2005.
 - ☉ Migrated the 1up.com datacenter from New Jersey to San Francisco.
 - ☉ Developed tools to improve the code deployment procedures.
 - ☉ Implemented a wiki for collaborative documentation of the 1up infrastructure, server configurations, and maintenance procedures.
 - ☉ 24/7 on-call support for 1up.com

Stata Labs, Inc., San Mateo CA

Web Services Developer, Contractor

2003-2004

- ☉ Built eCommerce system using Apache, PHP and MySQL in a Linux environment.
- ☉ Worked with content developers to maintain integration of content and code.
- ☉ Built reporting tools for analyzing customer and trial user behavior.
- ☉ Implemented Omniture web analytics integration.
- ☉ Developed data interchange tools for integrating outside vendor services.
- ☉ Assisted in the migration of the site into the Yahoo infrastructure.

Mixman Technologies, Inc., San Francisco CA / Tampa, FL

Web Services Developer & System Administrator, Contractor

2001-2003

- ☉ Designed and built the Mixman hosting environment. This includes network design, router and firewall configuration, and reconfiguration of servers inherited from Beatnik.
- ☉ PHP, perl and MySQL development for new internet services offered on the Mixman site.
- ☉ Designed and built customer contact system that allows registered users to customize the type of email messages they wish to receive and allows Mixman to automate targeted mailings.
- ☉ Designed and built download management system that uses email and MD5 token URLs to track user downloads and authenticate email addresses provided as part of the download registration process. This tool is integrated into the customer contact system.

Beatnik, Inc., San Mateo, CA

System Administrator, Employee

2000-2001

- ☉ Maintained and expanded the Beatnik and Mixman web server infrastructure consisting of BEA Weblogic, Apache, mod_perl, PHP, MySQL and Oracle in a Solaris environment.
- ☉ Standardized Apache installation and upgrades for all servers utilizing custom shell scripts.
- ☉ Built and supported internal network services developed using FreeBSD and Open Source tools.
- ☉ Interim installer and administrator for Oracle & MySQL databases.
- ☉ Developed perl wrappers for Perforce to simplify content management and promotion to production servers.
- ☉ Security audits of the Cisco firewalls, routers and local directors.
- ☉ Integrated Akamai content delivery into key dynamic content generation systems.
- ☉ Redesigned and relocated the hosting systems in order to reduce expenses.
- ☉ Jack of all Trades administrator responsible for maintaining DNS, SSL Certificates, domain registrations, production CGIs and other orphan tasks.

Liberate Technologies, Inc., Redwood Shores, CA

QA Lab System Administrator, Employee

1997-1999

Originally the lead for the CLIQ team contracted to perform a security audit, I later accepted a position developing tools to assist with product testing.

- ☉ Performed security and scalability tests on NC Server Products.
- ☉ Wrote and maintained client emulators used to generate server load.
- ☉ Debugged Client-Server communications problems using TCP/IP network sniffer tools.
- ☉ Administered QA test lab: WindowsNT, Solaris, FreeBSD, NetBSD, Portmaster, Oracle, NES
- ☉ Built network testing environments to pre-certify potential client configurations.
- ☉ Perl programming support for several server components.
- ☉ Jack-of-all-trades support for customers and internal workgroups.

American President Lines, Inc., Oakland, CA

Advisory Systems Analyst, Employee

1994-1995

- ☉ Began under contract to assist in global cc:Mail implementation. Tasks included designing and implementing:
 - ☉ Global routing strategy for Intra & Inter network messaging.
 - ☉ Semi-automated maintenance system
 - ☉ Disaster recovery procedures
- ☉ Hired into Workstation Engineering as its first team member and technical lead.
 - ☉ Performed third level hardware and software support for internal APL technical groups. Continued to assist cc:Mail team as a JIT resource; included functioning as postmaster for internal and external email.
 - ☉ Evaluated new hardware and software technology in order to continually find better solutions for APL business tasks while maintaining the 'Desktop Computer Model' with price, performance and integration as key factors.
 - ☉ Set desktop, laptop, operating system and peripheral standards.
 - ☉ Developed software imaging system for quickly installing Windows and all APL standard software. This reduced the setup time of a new system down to fifteen minutes.
 - ☉ Wrote installation and support documentation for internal support teams.
 - ☉ Developed internal electronic documentation system for end users and help desk.

Chris Knight

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PROGRAMMING:

perl, perl & more perl
PHP versions 3 & 4
SQL
Javascript 1.2: Netscape & IE variants
JAVA & c++: Currently learning
c: VMS, DOS & unix
Dbase: compiled with Clipper in a DOS environment

SYSTEM ADMINISTRATION:

Unix Environment & Tools:
Solaris: 2.5 through 9
FreeBSD 2.0.5 through 4.x-stable (Intel)
OpenBSD 2.8 (Intel)
Linux: Redhat and Slackware
DHCP: ISC versions 1 & 2
Samba
Sendmail: versions 8.8 & 8.9
Perforce (Source Control)
LDAP
RADIUS

Non-Unix environments

Windows 3.1/9x//ME/NT/2000/XP/2003
MacOS: systems 4 through 9.1 & OSX
Novell Netware: versions 2.1 through 3.12

Network Topologies:

10Base-2 (Thinnet)
10Base-T
100Base-T
Token Ring (Twisted Pair)
802.11b

Network hardware:

Cisco PIX Firewall
Cisco Local Director
Cisco Catalyst Ethernet Switches
Cisco 2600 Series Routers
Portmaster Remote Access Server

Webservers:

BEA Weblogic
NES/iPlanet
Apache
Microsoft IIS

Databases:

Oracle 8i: NT, Solaris
MySQL: FreeBSD, Linux, Solaris

HARDWARE:

(Upgrades, repairs and maintenance.)

Sun hardware:

Sparc 5/10 ☉ Sparc Ultra 2 ☉ Sparc Ultra 5/10
Sun E250 ☉ Sun E450 ☉ Sun StorEdge

IBM ☉ Compaq ☉ Digital
Gateway ☉ Dell ☉ Packard Bell

Any clone system

Apple and Macintosh systems:

G3 ☉ G4 ☉ iMac
Quadra ☉ PowerMac ☉ PowerBook

SOFTWARE:

Business Applications:

Microsoft Office (PC & Mac)
WordPerfect (DOS & Windows)
Lotus 1-2-3 (DOS & Windows)

Publishing & Graphics Software

Adobe Acrobat: versions 2.1 through 5
PageMaker (PC & Mac)
Quark Express (PC & Mac)
FreeHand (PC & Mac)
Fractal Design's Painter (PC)
PhotoShop (PC & Mac)
Kai's Power Tools (PC & Mac)

HTML publishing:

DreamWeaver
HoTMetaL Pro
Adobe GoLive
Vanilla text editors

ISP SERVICES:

I currently manage a small ISP from my home office.
That endeavor includes, but is not limited to:

- ☉ Solaris 2.6 & 9
- ☉ BEA Weblogic 6.1
- ☉ FreeBSD 4.8
- ☉ Apache/1.3.27
- ☉ PHP/4.3.1
- ☉ mod_perl/1.2.7
- ☉ mod_ssl/2.8.11
- ☉ MySQL with InnoDB Table support
- ☉ DNS – BIND 8.3.3
- ☉ Sendmail based Virtual Domain Email
- ☉ Qmail based Virtual Domain Email
- ☉ Majordomo
- ☉ EZMLM

References available upon interview.