

Shannon Price
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web developer • unix system administrator • programmer

Experience

Web Programming - PHP, ColdFusion, Perl/CGI, Miva, Javascript, HTML
Databases - MySql, mSQL, Access, SQL 6, SQL 7, DB2
Web Server Experience - Apache, IIS, Netscape Enterprise
Programming - Perl, C, shell programming (ksh, sh, csh, tcl/tk)
Operating Systems - Unix (SunOS/Solaris), Windows, Linux
Systems - Sun Workstations, Cisco Routers, PC
Network Services - Routing, DNS, E-Mail Servers, Backup Servers, POP3, IMAP, NFS, NIS, NIS+, LDAP, Web, SSL, PC-NFS, Samba

Education

Masters Computer Science and Engineering, Auburn University
B.S. Computer Science, Auburn University - Magna Cum Laude
Auburn-Mannheim Internship Program - 9 months study and work in Germany

Employment

Protocol Systems, Beaverton Oregon - 2/98 to Present

Web and Software Developer - Responsible for maintenance and development of internal and external web servers. Developed a collection of web-based applications to coordinate Sales, Production, Engineering Service departments.

Primary Duties:

- Developed and maintained 7 different web-based applications for internal use. See: Web Portfolio
- Largest application is a paperless office to track sales, equipment and service for all customers (ColdFusion)
- Database Design - MySQL, Access, SQL
- Worked with Apache, IIS and Netscape Enterprise Web Servers, ColdFusion, PHP, Perl
- Wrote automated web management systems in Perl to assist web developers (Perl/CGI)
- Wrote backend utilities for importing data from other company databases (Perl)
- Wrote software tools to automate system administration tasks for Solaris systems sold by Protocol Systems. including DHCP, PPP, Cisco Routers, Solaris OS, Sun Hardware, Sun Jumpstart (Perl, ksh, sh, C)
- Coordinated all corporate Software Releases including Upgrades and patches
- Wrote custom programs to install, upgrade, patch, backup and analyze Protocol Systems patient monitoring software.

Independent Web Contractor, - 8/98 to Present

Web Site Developer - Worked on several separate web sites contributing back-end programming, HTML and Javascript. Programming includes PHP, Perl/CGI and Miva. Websites are dynamic and data-driven. See: Web Portfolio

Protocol Systems, Beaverton Oregon - 2/97 to 2/98

Senior Systems Administrator - Maintain Network consisting of 60 Sun workstations, 200 PCs and 20 Macintoshes. The network is divided into three separate subnets and includes PPP dialup and a Virtual Private Network connection to Britain. Initiated free training courses for e-mail, HTML, CGI and computer viruses.

Primary Duties:

- Sun Server Maintenance (NFS, sendmail, DNS, NIS+, firewall, WWW, FTP)
- Maintain Sun Sparc Storage Arrays
- Support Internal and External Web Servers and HTML development
- Hardware and Software evaluation, installation and maintenance on all platforms
- Daily User Support and Training on all platforms (including remote offices)
- Configure routers, firewall and virtual private network to international offices
- Perform system backups and network monitoring

College of Engineering Network Services, Auburn University -4/94 to 1/97

Network Engineer - Worked on a sysadmin team to maintain an 800 node, centrally managed, TCP/IP based, heterogeneous network of personal computers, UNIX workstations, and UNIX servers supporting engineering instruction, extension, research and administrative operations. The network serviced over 4000 active users in 35 subnetworks across 13 buildings, providing access to more than 120 major applications (including compilers, CAD, desktop publishing, statistical and analysis software).

Primary duties:

- Manage all PCs - SunSelect PC-NFS, PC-NFSPPro and NetBEUI
- Evaluate, install and support internet and engineering apps on all platforms (Unix, PC, Mac)
- Computer Labs - Design, install and maintain hardware and software for six fully-networked, reliable, virus-free labs containing between 12 and 47 PCs each.
- Training Courses - Initiated free network, internet and HTML courses for all faculty and staff.
- Trained and directed student assistants for above duties.

Computer Science and Engineering Department, Auburn University - 3/93 to 9/94

C Network Programmer/Research Assistant - Developed distributed human-computer interaction prototyping environment for NASA funded project enabling more cost effective prototyping, simulating and evaluating of user interfaces. Designed and implemented network protocol for efficient performance of the distributed simulation environment. Gained extensive experience with Unix network programming (especially daemons and Berkeley Sockets), GUI and simulation development.

University of Karlsruhe, Karlsruhe, Germany - 1/91 to 3/91

C Programmer - Worked with system administration for HP workstation network in Process Engineering Department. Used C to extend and improve a public domain graphics package (Gnuplot). Changes included aesthetic modifications, editing enhancements, compatibility updates, and documentation updates.

Honors/Awards

Birdsong Study Abroad Scholarship, Alumni Academic Scholarship

Hobbies

Woodworking, Karate, Gardening, Juggling

References

Available on Request