
James D. Whitt

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Career Objective

A software engineer / programmer in a team oriented environment using problem-solving skills and a software development model to develop applications and services. A long term goal of becoming a project leader and obtaining an MBA.

Education

Bachelor of Science in Computer Science

University of Cincinnati – College of Engineering, Cincinnati, OH
June 2005

Work Experience

Web Developer / Assistant Unix Systems Administrator (co-op)

8/2003 – 5/2005

Domain-It, Inc., Cincinnati, OH

- Built and installed two production level FreeBSD (UNIX) servers that provided mail and web services that serviced over 15,000 domains
- Maintained five FreeBSD (UNIX) production servers
- Developed network clients to communicate with remote registry servers using EPP and RRP protocols
- Developed and implemented a shopping cart that used libraries from existing projects which allowed services to be added to different systems without user intervention
- Programmed database driven websites that provided commerce solutions and informational services that each received over 500,000 visits/month.
- Overhauled MySQL database structures and statements to increase efficiency and reduce load on the MySQL server
- Designed a new email system and overhauled the old mail system with a 30% server load decrease while still implementing new spam and virus checking features

Application Debugger

6/2002 – 9/2002

UC Center for Distributed and Mobile Computing, Cincinnati, OH

- Tested new Bluetooth protocols on the network simulator (ns-2) with the bluehoc modification installed
- Researched and debugged new Bluetooth technology alongside graduate students

Food Service Head Supervisor

8/1994 – 6/2001

- Trained new food service associates on policies and procedures
- Interviewed applicants and employed new associates for the food service department
- Supervised daily operations of multiple park restaurants
- Controlled labor costs, food costs, and portion quantities to meet fiscal budgets

Technical Skills

Operating Systems: Windows 2000/XP, FreeBSD (Unix), Gentoo Linux, Redhat Linux, Debian Linux

Applications: Apache, Bind, ClamAV, Courier-IMAP, Cups, CVS, Djbdns, Eclipse IDE, GCC, Microsoft Visual Studios, MySQL, NetBeans IDE, PF firewall, Qmail, Samba, Spam Assassin, Tomcat, Vpopmail

Programming Languages: Perl, PHP, C++, Java, Some Bourne Shell, Assembler, XML

Activities

Phi Kappa Theta Fraternity

- Web developer and systems administrator for the local chapter

Laboratory of Recreational Computing / FreeOS Group

- Contributed to a quarterly meeting where members of the group installed Linux on student computers
- Present technology and technical ideas to the group during a weekly presentation