

GARY B. PECK

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Skills and Abilities

Computer Languages

Expert: C/C++, Java, Perl, PHP, Shell Script, SQL

Proficient: Ruby, JavaScript, Pascal, Scheme, MIPS assembly

Internet-related

Expert: HTML/XHTML, XML, CSS

Proficient: XSLT, RDF

System Administration

Expert: Linux, FreeBSD, Solaris, Bind (DNS), Apache (WWW), Postfix (eMail),

MySQL, ISC DHCP, Jabber (IM), Netfilter (Linux firewall)

Proficient: NetApp (enterprise storage), Windows, OpenLDAP (LDAP), PostgreSQL

Languages

Russian (fluent), Spanish (intermediate-level)

Education

BS in Electrical Engineering & Computer Science

08/1998–08/2002

*University of California, Berkeley
College of Engineering*

Honors: Regents' Scholar

Relevant Courses: Data Structures, Machine Structures, User Interfaces, Operating Systems and System Programming, Languages and Compilers, Efficient Algorithms, Computer Graphics, Systems and Signals, Microelectronic Circuits, Communication Networks, Technical Communication, Society and Information Technology

Experience

Technical Analyst

08/2004–Present

*Goldman Sachs,
New York, NY*

Work as part of a small worldwide team responsible for some of the most critical servers in the Fixed Income, Currency, and Commodities (FICC) division. Provide long-term system engineering and 24/7 operations support for Solaris, Linux, and NetApp servers. Maintain the most widely deployed Linux distribution in the firm.

Senior Software Developer

01/2003–04/2004

*SQLFusion,
Lawndale, CA*

Wrote programs in PHP and Perl to integrate MySQL databases with web sites and intranets. Performed system administration on clients' Linux/FreeBSD servers. Maintained security of clients' servers and web sites. Interacted directly with clients throughout the development cycle.

Research Assistant

09/2001-05/2002

*University of California, Berkeley,
Virtual Reality Design Station Project*

Researched networking and collaboration capability for a virtual reality, haptic-enabled design system. Wrote Windows and VRPN drivers for Logitech 3D position tracker.

Team Member

10/2000-12/2001

*University of California, Berkeley,
EECS Department, Engineering Support Group*

Supported departmental engineering labs and audio/video needs. Developed prototype PalmOS inventory control software to interface with a pre-existing SQL database. Implemented lab monitoring over the Internet using remotely controllable webcams.

Software Engineer & System**Administrator (Intern)**

06/2000-08/2000

*Jet Propulsion Laboratory,
Ocean Sciences Element,
Pasadena, CA*

Designed and wrote modular, XML-driven software for automated processing of scientific satellite data. Defined the XML format used to specify data processing procedures and parameters. Administered a cluster of 3 Sun Sparcs.

Lab Assistant

01/2000-05/2000

*University of California, Berkeley,
Computer Science 61B Data Structures Course*

Answered students' questions about class material and programming assignments. Graded completion and understanding of lab assignments.

Webmaster

04/1998-04/1999

*Computer Age Dentist & DDS4U,
Los Angeles, CA*

Maintained corporate website and nationwide dentist directory. Created mini websites for dentists.

System Administrator

05/1997-12/1997

*Jay County Internet Services,
Portland, IN*

Setup and maintained Linux server which provided DNS, WWW, email, FTP, shell accounts and other ISP services. Setup and maintained ISP's router and modem bank. Performed daily administration tasks such as managing user accounts and installing needed software.

Programmer

11/1996-08/1997

*Quality Information Systems,
Los Angeles, CA*

Worked on company's C++-based document database (TS1). Implemented various full-text database searches. Added HTML import/export capability to the database.

Network Assistant & Webmaster

09/1996-06/1998

*Santa Monica High School,
Santa Monica, CA*

Setup and administered school's WWW and email server. Editor/Co-Webmaster of school website. Assisted in setup and troubleshooting of school computers (Mac/Windows) and network equipment.