

# GARY B. PECK

88 W. Cedar St., #5, Boston, MA 02114

Phone +1-415-335-7501

garik@cal.berkeley.edu

## Skills and Abilities

Listed in order of most-recently used. Bold items indicate extensive experience.

### Programming Languages

**Python, Shell Script**, Perl, JavaScript, Ruby, C/C++, SQL, **PHP**, Java, MIPS assembly, Scheme, Pascal

### Document/Data Languages

**HTML/XHTML**, XML, CSS, RDF, XSLT

### Protocols

SIP, **DNS**, **SMTP**, **HTTP**, **TCP**, **IPv4**, IPv6, X.509, PGP, XMPP, LDAP, **DHCP**

### System Administration/Software

**Linux** (Ubuntu, Debian, Red Hat), Git, **Bind**, **Postfix**, Hitachi AMS, Solaris, Apache, Netfilter, FreeBSD, MySQL, Windows, PostgreSQL, ejabberd, OpenLDAP, NetApp

### Other Technologies

PKI, Distributed Filesystems

### Languages

Russian (fluent), Spanish (intermediate-level), Japanese (beginner-level)

## Education

### BS in Electrical Engineering & Computer Science

08/1998–08/2002

*University of California, Berkeley  
College of Engineering  
Berkeley, CA*

**Coursework in:** User Interfaces, Operating Systems, Languages and Compilers, Algorithms, Communication Networks

**Research Assistant:** Networked collaboration and haptic feedback in virtual reality systems

**Teaching Assistant:** CS61B (Data Structures) Lab

**Honors:** Regents' Scholar

## Experience

### Senior Technical Analyst

05/2009–Present

*Goldman Sachs,  
San Francisco, CA;  
Boston, MA*

Develop infrastructure software and provide occasional operational support for the firm's risk management systems.

### Site Reliability Engineer

10/2005–04/2009

*Google,  
Mountain View, CA*

Managed automation, monitoring, and emergency response for major parts of the production

infrastructure: distributed storage, job scheduling, distributed locking service, automated machine management. Troubleshooted system-level issues across 300K+ servers. Assisted in testing, qualification, and rollout automation of new Linux kernels across Google's server fleet. Produced training material and exercises and provided mentoring for new team members.

**Technical Analyst**

08/2004–10/2005

*Goldman Sachs,  
New York, NY*

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

**Senior Software Developer**

01/2003–04/2004

*SQLFusion,  
Lawndale, CA*

Developed PHP- and Perl-driven database-backed websites for a variety of clients. Optimized MySQL database performance and operation. Performed system administration and maintained security of clients' Linux/FreeBSD servers and web sites. Interacted directly with clients throughout the development cycle.

**Engineering Support Group Member**

10/2000–12/2001

*University of California, Berkeley,  
EECS Department  
Berkeley, CA*

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,  
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.

**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.

**Developer**

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.