**Larry Breyer**

**Education:**

San Diego State University, San Diego, CA

Bachelor of Science in Electrical Engineering

**Technical Training:** Oracle and Sun Microsystems

**Technical**

**Summary:**

Solaris/Linux Systems Administrator

* Full range of system administration skills on Solaris and Red Hat.
* Install, monitor, upgrade, patch, profile and trouble-shoot.
* NAS/SAN on NetApp and Sun Storage.
* Backups using ufsdump, Bakbone, and Veritas.
* Load balancing with Cisco Local Director and Sun Grid Engine.
* Virtualization with Solaris, VMware, and Xen.
* Process control using quotas, access control lists (ACL), and Projects.
* Configuration management using cfengine, RCS, CVS, and Subversion.
* Rapid deployment using jumpstart, PXE kickstart, and VMware.
* Network analysis and monitoring using snoop, tcpdump, and arpwatch.
* TCP/IP, Samba, NIS, NFS, DNS, DHCP, SNMP, and LDAP.
* SMTP, Sendmail, Postfix, POP, IMAP, and spamassassin.
* Firewalls, NAT, SSH, SecurID, Radius, PGP, SSL, IPtables, ipf, and PKI.
* Programming C/C++, Java, Tomcat, Perl, and Shell.
* Web Services with HTTP, Apache, HTML, XML, CGI, PHP and SQUID.
* Documentation, research, training, testing and evaluation.
* Printers, scanners, wireless access points, KVMs, and concentrators.
* Desktop support on MacOSX, Linux and Windows.

Oracle Database Administrator

* Full range of skills in Oracle application stack.
* Installation and upgrade to 10g and 11g.
* Implement RMAN database backup and replication.
* Create SQL\*Plus and PL/SQL scripts and stored procedures.
* Create, backup, monitor, enhance and tune databases.
* Implement raw storage and ASM.
* Implement OLTP, archive logging, and RMAN.
* Implement RAC database clusters.
* Install, configure and utilize various Oracle tools including STATSPACK.
* Create Views, Triggers, Synonyms, Functions, Procedures and Packages.

BioInformatics Administrator/Programmer

* Perform Linux OS and MySQL database administration
* Shell scripting in Perl, PHP, and bash.
* Database development using MySQL and Oracle PL/SQL.
* Web development using HTML, MySQL, Apache Tomcat, Java
* Software configuration management (SCM) in SCCS, RCS, and CVS.
* Build process control and integration using Make and Ant.
* Testing using debuggers (jdb, dtrace, dbx and gdb), stubs and drivers.
* Document in Microsoft Office, Adobe, and HTML (Wiki and web).
* Quality assurance developing test cases, test plans and procedures.

**Experience:**

August 2008 **Isis Pharmaceuticals**

To Present Carlsbad, CA

SOLARIS/LINUX SYSTEMS ADMINISTRATOR

ORACLE/MySQL DATABASE ADMINISTRATOR

* Provide system, database and application support.
* Support 200 researchers and developers.
* Includes administration of servers and storage devices.
* Sun server (4), Sun SAN(2), Sun NAS (1 x 32 TB).
* 10 servers running Apache/Tomcat on HP/Red Hat.
* Implemented 20 machine Sun Grid Engine cluster on HP/Red Hat.
* Implemented Oracle 10g Grid DBA support on a 2 node RAC.
* Provide Oracle SQL\*Plus and PL/SQL programming support.
* Extensive programming in Perl and Java.
* Implemented conversion from 32 to 64-bit Intel.

February 2007 **Salk Institute**

To July 2008 La Jolla, CA

SOLARIS/LINUX SYSTEMS ADMINISTRATOR

* Providing full range of support for 1200 users.
* Includes, backups, network, accounts, security, and helpdesk.
* 15 servers running Solaris on Sun.
* 45 servers running various flavors of Linux on Dell.
* 1100 desktop systems running MacOSX and Windows.
* Support a wide range of applications including Apache, MySQL, Oracle, Veritas NetBackup, Nagios, Cacti, Highline(Payroll), SunGard (Accounting), SciQuest (Purchasing), and many more.
* Extensive scripting in Perl, Bash, PHP, and others.
* Project planning and implementation.
* Training and documentation.
* Customer service.

October 2004 **UCSD**

To February 2007 La Jolla, CA

SOLARIS/LINUX SYSTEMS ADMINISTRATOR

* Providing full range of support for 1000 users.
* Includes, backups, network, accounts, security, and helpdesk.
* 12 Department servers running Solaris on Sun.
* 100 research servers running various flavors of Linux.
* 400 desktop systems running Solaris, Linux, and Windows.
* Support a wide range of commercial and open source applications including Oracle, IBM purify, Bakbone NetVault, and many, many more.
* Provided support setting up Sun high-end servers, clusters, and workstations.
* Installed and configured commercial and open source applications.
* Provided technical support to several hundred developers.

**Experience** (Continued)

October 2003 **Qualcomm**

To October 2004 San Diego, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

* Provided technical support for 500 engineers on Sun servers and workstations and NetApp file servers.

October 2001 **NMCI**

To October 2003 San Diego, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

* Participated in development of a new military Intranet serving  
  350,000 users globally.
* Worked at the development center and Network Operations Center at the multiple locations.
* Managed high-end Sun servers whose purpose was to secure account administration.
* Deployed Oracle database.
* Responsibilities included backups, reliability, redundancy and  
  security.  Tools included: Veritas disk management, jumpstart  
  and many other components of the Solaris software suite.

April 2001 **Qualcomm**

To October 2001 San Diego, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

* Provided technical support for 500 engineers on Sun servers and workstations and NetApp file servers.

April 2000 **Apple Computer**

To April 2001 Cupertino, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

* Provided technical support for 80 engineers on Sun servers and workstations and NetApp file servers.

October 1999 **Qualcomm**

To April 2000 San Diego, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

* Provided technical support for 500 engineers on Sun servers and workstations and NetApp file servers.

October 1998 **Lockheed Martin**

To October 1999 Sunnyvale, CA

SOLARIS/HP-UX/IRIX SYSTEMS ADMINISTRATOR CONSULTANT

* Supported a group of 50 engineers developing the launch package  
  for their Delta rockets on the Iridium satellite project.
* Support a mix of 50 Sun and HP workstations running a variety  
  of CAD/CAM applications.
* Hardware included an HP and a NetApp file server.

**Experience** (Continued)

April 1998 **Hotmail**

To October 1998 Sunnyvale, CA

SOLARIS/FREEBSD SYSTEMS ADMINISTRATOR CONSULTANT

* Managed large Sun server with an Oracle database behind  
  75 FreeBSD machines running Apache web server.
* Managed a large Cisco router/switch running Local Director.
* Helped grow systems from 2 million to 20 million email hits per day
* Direct contact with denial of service attacks and email bombs.
* Worked with various ISPs in tracking down people trying to use Hotmail to email bomb their adversaries.

April 1997 **Andersen Consulting**

To April 1998 San Ramon, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

* Unix consultant in the conversion of Andersen’s accounting  
  software from IBM mainframe (COBOL) to Sun Solaris (C++).
* They had been contracted by Iridium (Motorola) to port their software   
  to a Unix environment.
* Managed the huge volume of tiny account transactions typical of cell phone  
  technology.
* Supported 80 software developers.
* Supported backups, software configuration management and debugging development software.

April 1996 **Silicon Graphics**

To April 1997 Mountain View, CA

IRIX SYSTEMS ADMINISTRATOR CONSULTANT

* Participated in the development and deployment of IRIX 6.5.
* Tested and debugged code on all SGI platforms.

April 1995 **Kaiser Permanente**

To April 1996 Walnut Creek, CA

SOLARIS/TIVOLI SYSTEMS ADMINISTRATOR CONSULTANT

* Northern regional data center for over 1 million subscribers and 10,000 health care professionals.
* Participated in data migration from IBM mainframes to Sun high-end computers. Used Tivoli application for software and data synchronization and backup to 500 medical centers in Northern California.

October 1994 **Montgomery Securities**

To April 1995 San Francisco, CA

UNIX SYSTEMS ADMINISTRATOR CONSULTANT

* Support Sun computers in a highly secure and redundant environment (in compliance with strict SEC regulations).