






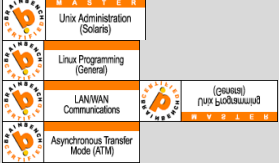




Eric Shalov






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(U.S. Citizen)

Certifications		
	Sun Microsystems	Sun Certified System Administrator (SCSA) Sun Certified Network Administrator (SCNA) Sun Certified Security Administrator (SCSecA)
	Hewlett Packard	HP-CSA (HP/UX) Certified Systems Administrator
	Redhat	Redhat Certified Engineer (RHCE)
 Alcatel-Lucent	Lucent/Alcatel IND XCSE ("SwitchExpert") certified	(CCIE equivalent)
	CompTIA	Network+
	BrainBench	Unix Programming (General) - Master certified Asynchronous Transfer Mode (ATM) certified LAN/WAN Communications certified Unix Administration (Solaris) - Master certified Linux Programming (General) - certified
	StoneSoft	Certified StoneGate Firewall Architect (CSGA) Certified StoneGate Firewall Engineer (CSGE)
	Zuma Networks (MRV)	LightReef Switch/Router Certified
	FCC	General Class License (KJ6ARC) Restricted Radiotelephone Commercial License (RR00069553)
	FAA	PP/ASEL

Affiliations	
	Member, Association for Computing Machinery (ACM)
	Member, Electronic Frontier Foundation (EFF)
	Cloud Security Alliance (CSA)
	Member, Aircraft Owners and Pilots Association (AOPA)
	Member, Federación Mexicana de Radioexperimentadores (FMRE)
	Member, UNIX Users Association of Southern California (UUASC)

Work Experience

Participant Media / TakePart.com Sr. Systems Administrator (May 2012 – July 2013)	Administered over 100 virtualized Linux servers, based on a mixture of Debian and Redhat Linux. Configured and maintained Icinga/Nagios monitoring, Graphite metrics collection, PPTP VPN, and Jenkins automation scripts. Supported web development team in a mixed MacOS/Linux environment based on Drupal, SOLR, MySQL, Redis, PHP, and Ruby. Configured and maintained LDAP servers, NFS filesystems, Jabber chat server, NTP, Jira and Confluence. Consolidated three hosting environments into a homogenous Amazon AWS environment based on EC2, S3, RDS, ElastiCache, ELB, Route53, and SQS, with Akamai and varnish cache. Wrote automation scripts to automate complex AWS-based tasks using command-line and PHP APIs. Advised management, as needed, regarding systems matters, and coordinated systems resource discussions with developers and outside contractors.
Media Temple Sr. Systems Administrator (April 2011 – January 2012)	Administered approximately ninety Solaris 10 NFS servers and hundreds of Linux-based computing nodes that drive Media Temple's Debian-based Grid Service platform, hosting approximately a million websites in a Puppet-driven automated configuration management environment. Monitored cluster performance using Nagios, Graphite, SNMP, and Expect scripts. Wrote wiki-based technical documentation. Mentored other administrators and provided support to their virtualized computing environment. Managed hardware replacement workflows with product vendors and worked on high-density storage solutions for new products.
Freelance consultant (November 2009-January 2011)	Software development and systems consulting for a variety of clients in Los Angeles area.
Vought Aircraft Industries CAM C Developer (March 2009 - October 2009)	Developed database-driven 3D graphical computer-aided manufacturing applications to control automated robotic fastener installation systems for machining of Boeing 747-8 fuselage panels in CATIA CAD environment
Systems, Training, and Support consulting services for: Banamex (Citibank), Banamex Seguros Insurance, Telcel (América Móvil), Iusacell/Unefon Nextel México, Gedas (Deutsche Telekom), U.S. Metropolitan Telecom (Florida), Liverpool Mexico October 2004 - March 2009	Taught (in Spanish) UNIX security training classes in various large corporate environments in numerous locations around Mexico. Wrote web-based user management application. Provided on-site pre-sales and post-sales product demonstrations/training and support for UNIX-based to security products on AIX, HP/UX, and Solaris platforms.
Symark Software UNIX Security Engineer (February 2003 - October 2004)	Provided Tier 3 support to a wide array of corporate customer environments deploying PowerBroker UNIX privilege-delegation software on numerous UNIX platforms, including Solaris, HP/UX, AIX, Debian and RedHat Linux, IRIX, SCO, NCR UNIX, and QNX. Installed and configured complete Solaris-based networks for training purposes. Developed training program for UNIX-based networked security

	products. Taught in-office and on-site technical courses. Performed over-the-phone WebEx product training and demonstrations.
Zuma Networks (subsidiary of MRV Communications) Software Validation Engineer (July 2001 - May 2002)	Served as a hardware/software test engineer for a family of developing network switch/router products. Wrote organized test plans, executed standard test procedures, and developed automated testing software suite based on Spirent test device products, including automated test execution, tracking, and graphical reporting. Developed mechanisms to validate routing performance, QoS, firewall performance, and MPLS behavior. Additionally, served as software developer for UNIX-based network security products.
Alcatel Network Engineer (January 1999 - July 2001)	Provided network design, maintenance, and escalation support to both internal software and hardware engineering groups as well as hundreds of customers' networks based on ATM (1483 and Lan Emulation), Ethernet, Token Ring, FDDI/CDDI, Frame Relay, IPv4, IPv6, IPX, PNNI, SNMP, and Q.2931 signalling using multiple operating environments including Solaris, Linux, BSD, Macintosh, and Windows. Developed network debugging and performance monitoring tools for Solaris, Linux, and VxWorks. Responsibilities also included training of other engineers and interoperability testing with Cisco, Lucent, Fore, Nortel/Bay, Cabletron, and others. Trained new support staff. Developed knowledge base for support and training purposes.
Warner Brothers Feature Animation System Administrator (November 1998 - January 1999)	My responsibilities varied widely during this temp. position, from end-user support to administration and support of WB's IRIX 6.2 and NeXTStep workstations and heterogeneous ATM/Ethernet network backbone. I assisted in development of scripts and procedures for automated backup and archiving with Legato Networker and proprietary backup software. I worked on a team maintaining their Cisco/Fore Systems network while troubleshooting problems down to the Animo/Maya/Lightwave application environment.
Career Strategies, Inc. System Administrator (April 1998 - November 1998)	I administrated a network of SGI, HP, and NT workstations and servers running IRIX 6.4, HP/UX 9.01/10.2, NT 4.0, Win95, NIS/YP and NFS. Included in my regular tasks were performing operating system upgrades and patches as needed, supporting users, handling regular data archival/backup using Legato Networker and HP Omniback, and advising management as to systems solutions. I wrote scripts and utility programs to support digital ink & paint and automated in-betweening applications including SoftImage Toonz, USAnimation, and MediaPegs. I also set up and maintained the company's internal network, web site and Internet access/firewall solutions based upon 10/100Mbit Ethernet, FDDI, Linux and Farallon routers.
BlackSun Technologies UNIX System Administrator (July 1997 - March 1998)	Responsibilities include maintenance of RAID storage arrays on Solaris, SCO, and Linux servers, administration of TCP/IP network design and implementation, including NIS management, and Cisco router configuration, user support. I developed HTML/CGI and Java applications to interface with SQL server and real-time credit processing software.
Real Estate Communications Services Network Administrator (April 1996 - July 1997)	Responsibilities included management and design/development of internal heterogeneous TCP/IP / Netware/NT T1-voice/data network, development of database applications and real-time systems for audio processing/automated voice response applications, and growth of wide-area DS3 network, including telephony hardware/software.

Logix Development Corporation Programmer (July 1995 - January 1996)	Responsibilities included development of MS-Windows applications, LAN-based TCP/IP installations, large database- oriented program development, Novell Netware protocol interfacing, systems research, hardware installation and configuration, C / Assembler coding.
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Languages

English	native speaker
Spanish	conversational
French	can read

Systems Experience		
CTI/VOIP with SIP, IAX, SCCP	Cisco router configuration	PHP Programming
Asterisk* PBX Admin. & Programming	Oracle 8, 9i, 10g, PL/SQL, OCI	GCC C/C++ Compiler
ATM LAN Emulation w/ UNI3.0/3.1	X11 Window System/Xlib	GNU development tools: autoconf, gmake, flex
Dialogic PRI Voice Hardware	TeX Document Processing System	UNIX scripting (bash, awk, sed, tcl, expect)
Graphical Visualization: plotting, raytracing, POVRAY, OpenGL	PVM Virtual Machine programming	Revision management: Sun rcs, cvs, svn
DS1 circuit emulation w/ ATM OC-3/OC-12 QoS	Pthreads Threaded programming	Legato Networker
Frame Relay / T1 Networks DEC VAX/VMS	GNU Mach/Hurd mk operating environment	IBM AIX 5L / 4.3.3 Administration
Network problem diagnosis, packet sniffers	SNMP, network monitoring	Solaris 10/9/8/7/2.6/2.5.1/2.3
Clarion Professional Developer	SCO OpenServer 5	Sun Hardware inst. & maint.
Linux administration/programming Redhat, Debian, other distros	SGI IRIX 6.5/6.4/6.3/6.2/6.5 Administration	HP/UX 11 / 10.20 Administration
MacOS/X / OpenDarwin	Compaq Tru64 UNIX Admin.	FreeBSD administration
Apache/CERN/NCSA Web server administration	HTML/XHTML, CSS, and CGI programming	Novell Netware 3.11/4.01 Novell Netware NCP API/interfacing
ANSI C, C++	X.25 PDN Networks	Artisoft Lantastic
Scripting in Perl, awk, csh, ksh, Tcl/Tk, expect	PostgreSQL	Digital circuit design
Router testing, protocol implementations (RIPv2, BGP4)	MySQL administration/programming	Intel x86 32-bit Assembly programming

Specialize in

Technical training, Systems consulting, Systems administration, UNIX C Programming (Advanced experience with: BSD Sockets, libbpf, tcllib, libpgclient, libmysql, Oracle OCI, libX11, ncurses, pthreads, openssl, libLAME, libPNG, libjpeg, libgd, OpenGL, openAL, libsndfile), PHP, XHTML

References available upon request.

Thank you for your time.