

STEVEN P. GORYL

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UNIX SYSTEM ADMINISTRATOR

SUN *SOLARIS*

APPLE *OS X*

RED HAT *LINUX*

OBJECTIVES

To excel in a leadership role, serving an enterprise computing structure, where I use my expertise in UNIX system administration, to provide secure and reliable technology solutions for the organization.

CAREER SUMMARY

Over ten years of experience in multiple platform, enterprise server environments, supporting Oracle. Professional training in system and network administration, as well as hardware repair and troubleshooting. Specialization in secure and redundant boot environments for SUN Solaris, using Veritas, and S.D.S.. Over twenty years experience with Apple hardware as well as the System Administration of OS X.

OPERATING SYSTEMS

SUN Solaris 7,8,9,10 , Apple OS 7.1 - OS X, Server, 10.1 - 10.5, Red Hat + Fedora Linux, ExtremeWare, Cyclades, A/UX, NeXTSTEP, OPENSTEP, AIX, HPUX, BSD, SGI Irix

DEVICES

SUN Servers, SunFire V240,V480,E 20K, Enterprise 250,450, Netra, Cobalt RaQ , Ultra 10,5, SUN PCI, SUN Storage Arrays, Apple Xserve / Xserve RAID, Network Server 500/700, Cyclades RAS, Barracuda, Sonic Wall, Cisco VPN, WebShield, TSU/DSU, UPS, AP WAP, RadioLan, Extreme switches, Nortel PBX

SOFTWARE

Veritas (VM+VXFS), Solaris Disk Suite, Oracle 8i, 9i, BIND, CVS, Radius, Sendmail, DHCP, LDAP, FTP, Accordex, ExtremeWare, Citrix, BBedit, InterMapper, Timbuktu, Raiser's Edge, Star Office, PGP, Appleworks, Eudora, EIMS, iWork, Fetch, Virtual PC, WebHelp Desk, Apple Remote Desktop, Keynote, Meeting Maker, InterMapper, VMware, BitTorrent, iMovie, Z Term, AbiWord, Time Machine....

VENDORS

SUN Microsystems, Veritas, Apple, Cyclades, McAfee, Extreme Networks, Microsoft, Adtran, RadioLan, APC, SonicWall, Cisco, Citrix, Accordex, AXIS, IBM, HP, Nortel, Axis, Box Hill, Seagate, Dantz, Bare Bones.

CERTIFICATIONS

Apple Certified Macintosh Technician	2008	Apple Computer
System Administrator Solaris 10	2007	Sun Microsystems
System Administrator Solaris 9	2006	Sun Microsystems
Sun Storage Training	2005	Sun Microsystems
Contingency Planning	2004	Contingency Planning & Management
OS X Server Administration	2003	Westwind Computing
Extreme Switch Administration	2002	Extreme Networks
Veritas Foundation Suite for Oracle	2001	Veritas
Solaris System Administration I	1999	Sun Microsystems
DNS and BIND	1999	Acme Byte and Wire
Voice and Data Cable Management	1999	Global Knowledge Network
Apple Support Professional	1998	Apple Computer

EDUCATION

American School in London	High School
University of Denver	BA Geography and Geology
United States Air Force Meteorological Observer	United States Air Force
United States Army Electronic Equipment Repair	United States Army
S.D.I. Operations White Sands Missile Range	Secret Clearance

EXPERIENCE

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UNIX System Support **Washington and Lee University** **Lexington VA** **2007 - 2009**

- Hardware and Configuration support for various robot systems and other scientific research devices.
- Desktop and Hardware support for the utilization of computer labs with Fedora 10 and Win XP.
- Setup and Configuration of RH Linux server for NFSv4 with Kerberos 5 for Physics Dept.
- Apple Certified Technician offering hardware and software support for OS X 10.4 and 10.5.

System Administrator **Bearing Point Consultant** **Blacksburg VA** **2006 - 2007**

- Evaluated, as a consultant, current UNIX Systems in use by a U.S. Army database facility.
- Completed study of all U.S. Military Information Security documentation at this facility.
- Study and Review of Application server and deployment techniques and operations.

System Administrator **Fannie Mae** **Reston VA** **2006**

- Designed and Implemented Dual Boot OpenStep servers for production system reliability.
- Produced secure OpenStep Image server and Install procedures to meet S.O.X. compliancy.
- Documented and Inventoried entire production platform for recovery procedures for internal web site.
- Implemented Securing of Services and Ports for servers and desktops to meet S.O.X. compliancy audit.

Storage Support Engineer **Sun Microsystems** **Broomfield CO** **2005-2006**

- Provided full technical support for all direct attached Sun storage arrays on client production systems.
- Provided consultation, instruction and support on all versions of Veritas for Solaris as well as VXFS.
- Provided consultation, instruction and support on all versions of S.D.S with various versions of Solaris.
- Provided documentation and techniques for troubleshooting of both hardware and software RAID.

System Consultant **Wyoming Outdoor Council** **Lander WY** **2004-2005**

- Provided full support for the migration to a Raiser's Edge DataBase from a FileMaker Pro DataBase.
- Provided consultation and support services for all Apple computers running OS X.
- Provided instruction, troubleshooting and "on call" telephone support for mobile laptop users.
- Provided instruction in presentation and projection details using Microsoft Office and Apple Keynote.
- Provided a report on current data and phone network deficiencies in regards to data backups and power.

System Consultant **The National Outdoor Leadership School** **2004-2005**

- Investigated and repaired several NeXT desktop and printer network issues, in the same system.
- Provided hardware and software recommendations for network switches and additional network security.
- Provided troubleshoot assistance on WAP deployment and management on public and private networks.
- Provided network design details to contractor with the goal of some services being managed "off site".
- Provided support documentation and accounts as well as recommendations of security procedures.
- Provided current level of contingency planning for disaster recovery and suggested future action plan.

System Administrator **The National Outdoor Leadership School** **Lander WY** **2001-2004**

- Network Administration of Extreme switches including VPN, CVS, and RAS devices and services.
- Design, deploy and administer eight WAPs on both private and public networks for campus service.
- Complete instruction in OS X Server and begin administration of 4 Xserves and 1 Xserve RAID array.
- System Administration of Solaris 8 hosts including production Oracle DB server with Veritas replication.
- Complete Veritas training for Solaris "Foundation Suite" to further aid remote replication of Oracle DB goal.
- Assist in security device deployment and administration of boundary routers, core switch, and firewall.

Network Administrator **The National Outdoor Leadership School** **1999-2000**

- Complete instruction in Voice and Data cable management, including fiber termination and testing.
- Complete instruction in administration of BIND and assist in design of "split horizon" for security.
- Begin Sun Microsystems training in System Administration to include 2 E450s and 1 E250.
- Increased responsibility for the upgrade of cable plant, network and desktops at WAN points in AK, AZ, MX.

Desktop Support Technician **The National Outdoor Leadership School** **1996-1998**

- Primary hardware and software support for 200+ Apple desktops in 6 International locations.
- Administrator support for 40+ NeXT Stations and operation of custom financial and printing applications.
- Full printing support for 3 HP 5si's and numerous Okidata line printers, and NeXT laser printers.
- Full inventory of desktop systems in Web Help Desk development help desk records and support.

ADDITIONAL EXPERIENCES

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SUN Microsystems STORAGE ARRAYS

10/2005

Two weeks of "one on one" training with senior Sun engineers in all their direct attached storage arrays. This included extensive testing and diagnosis of hardware and software including firmware upgrades and compliance with the Solaris patch matrix. Extensive review and testing on all versions of Veritas and Solaris Disk Suite to include configuration and recovery procedures. Five months of Storage Technical Support and troubleshooting, with a large client base on production Solaris servers. This involved both Explorer and Extractor data analysis as well as interaction with other Sun support groups like OS and Hardware to bring fast resolution to customer storage issues. This work included extensive technical searches and documentation of known issues and solutions. This work involved all versions of Solaris including the current Solaris 10.

DATA CENTER MIGRATION

12/2003

The National Outdoor Leadership School elected to build a new Headquarters in Lander Wyoming. The new building site is 2 city blocks from the previous data and call centers for the school. The plan was to make the move in as short a time as possible, and to continue enrolling students during the move. My position as System Administrator/Network Administrator was to plan the move, and provide an explanation to the Executive Director Team as to the details and dates of moving some 65 servers and numerous services over a 4 month period. This required a call center "cut over" and two "merged" networks to allow connection to the central database. This "online" move was accomplished by installing a buried set of Fiber links from the old site to the new. The fiber allowed us to leave the telco demark location in place and to move the PBX switch to the new location. The fiber links also allowed us to expand the network to the new facility to allow desktop machines to still access the primary database servers, which remained in the original data center until the demark was moved. I had a lot of interaction with the various contractors in terms of final installation specifications. The move was completed in a four month period and the final "cutovers" were completed in late 2003.

AUDIT OF TECHNOLOGY

11/2002

A member of the N.O.L.S. Board of Trustees was able to donate an audit of the school's Information Services Department. The I.T. Department of Credit Suisse First Boston performed a very extensive security and procedure audit of the school. The audit took place over the period of three months and was very detailed. Many people are aware that Credit Suisse First Boston ran a data center in the basement of the World Trade Towers and thereby gained a great deal of experience in real time disaster recovery and the many factors that are involved in a data center loss. The audit was very focused on that aspect of our data center, but also included security concerns and testing, as well as what our standard operating procedures were. From this audit our team made several critical changes to our procedures, and we made a case to the school to move more quickly towards the concept of "High Availability". I became the lead administrator to propose our timeline and to determine what systems we would provide in other locations, to reach this goal. I also became involved in setting some standards for software distribution and inventory of hardware, to aid the goal of disaster recovery.

PROFESSIONAL TEACHING EXPERIENCE

For over 30 years I have been an educator. I have always believed that to truly "know" a subject, you should teach it. This philosophy has led me to reach the instructor level in many subjects. My early years of teaching have been in Outdoor Education where I have achieved the "Instructor Level" in Mountaineering, S.C.U.B.A. Diving, Skydiving, Caving and Sailing. With over 450 weeks in the field for the National Outdoor Leadership School, I am one of only 8 people to be awarded the title of "Master of Outdoor Education" by the school.

My current teaching efforts are in relation to computer sciences. I have been hired by several organizations to teach the techniques of both PowerPoint and Keynote presentations. I have presented such topics as "Security of the Boot Environment" to the understanding of Veritas Volume Manager. I have taught a month long course titled "Computer use and repair for Women" where I offered both lecture and labs in basic computer knowledge and repair. The curriculum that I designed, involved both "hands on repair" and soldering, to the concepts of matching RAM to CPU. I greatly enjoy the "art" of teaching where a true educator is able to adapt, explain, and reinforce the concepts of the subject at hand. As an avid learner, I truly do believe "Knowledge is Power". I enjoy the study of technical details, and the opportunity to share that learning with other people.