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HIGHLIGHTS OF QUALIFICATIONS

- Apple Certified (OS X Server, ACTC and AppleCare) Systems & Network Administrator
- IT Manager / Certified Technical Coordinator
- Certified Member, Apple Consultants Network
- Cross / Multi-platform solutions provision, support and integration

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PROFESSIONAL HISTORY

Systems & Network Administrator (October 2011 – Present)
Winston Preparatory Schools – New York, NY / www.winstonprep.edu
Hired to stabilize entire technical environment for private school (grades 6 – 12) after departure of school's only previous full-time IT person.

- In the absence of virtually any standard IT documentation (Administrative authentication credentials) for ALL nodes in Data Center (Router, switches, firewall, backup devices, web-based surveillance camera DVR system, UPSs, and servers) as well as Desktop Fleet, was forced to perform (off hours) factory default resets on all nodes in Data Center—reconfigured the same and created thorough documentation in the format of my own proprietary workbook / template.
- Create all new custom Net Install disk images for LAN-based mass deployment. Over summer, 2012 - reimaged entire fleet of loaner laptops (53) - in one night.
- Run / manage the Computer Lab.
- Migrated Computer Lab machines from local directory accounts, to LDAP (Open Directory) to push centrally administered group policies, significantly reducing student login issues.
- Implemented RADIUS (WPA2 Enterprise) wireless authentication, in place of previous local, user-based (WPA) authentication.
- Upgraded outdated Cat-5 (not Cat-5e) cable throughout infrastructure, replacing with Cat-6.
- Provide support for faculty & staff (80), and students (180) for desktops, and all Audio/Visual devices (wall-mounted and portable projectors, flat screens, and Smart Boards.
- Accepted offer to teach class for Summer School program. Conceived broad lesson plan(s) to cover eight classes. Subsequently have worked one-on-one with individual students.
- Managed project - Migrate ISP's, increasing bandwidth from 1.5 Mb, to 50Mb.
- Currently: Implementing MDM best practices, consolidating obsolete profiles / Apple IDs.
- Currently: Creating second subnet (via VLAN at switch) to accommodate diminishing pool of IP's due to mobile devices.

Sole Proprietor / Systems Administrator (2000 – Present)
Spectrum Computer Consulting – New York, NY
Deliver broad range and top quality IT services to a wide range of clients.

- Launched business to accommodate referrals received through my membership in Apple Consultants Network. (www.consultants.apple.com). List of client-base provided on request.

Consultant: OSX Server, Engineering Department (March 2010 – June 2010)
AARP Publications – Washington, DC / www.aarp.org
Brought in on 3 month contract, saved the company 160 hours of IT labor through the following:

- Created / deployed '.pkg' & '.dmg' images via JAMF/Casper Suite.
- Automated the process of updating both (a) entire Enterprise-wide fleet inventory and (b) extended warranty databases via my account membership w/ Apple's GSX (Global Service Exchange). Received commendations for the time this took (minutes), where previously told days.
- Performed audit of all (12) Xserves, reported findings / recommendations to Dir. of IT Client Mgmt and Publications Division. Subsequently standardized all Xserves to current version of Firmware, EFI & OS.
- Assigned several Project Management tasks, documenting via internally hosted wiki.

OS X Server Systems Administrator (2008)
R/GA Interactive – New York, NY / rga.com
Immediately tasked with XSAN upgrade project, after in-sourced consultant's proprietary clone utility failed to execute weekend migration of 13 TB of RAW video files for mission-critical deadline:

- Objective met successfully (automated via shell scripts), minimizing RAM utilization by GUI clone utilities, and by changing medium from link-aggregated Ethernet, to direct Fiber patch. Result: Significant difference in ratio of data-transfer of 2-to-1 (literally half the time) for transfer of 13 TB.
- Developed NetBoot Disk Images for rapid mass deployment of all new Intel Macs (configured to bind to Active Directory PDC) out of the box – seamlessly.
- Designed / deployed globally accessible inventory database, exportable to web for real-time updating from any browser via ODBC drivers.

Network and Systems Administrator (2004 — 2008)
SapientNitro (was AKA Advertising, Inc.) – New York, NY / www.sapientnitro.com
Conceived, budgeted, procured and installed entire network infrastructure. Created in-house A/V studio saving agency approximately $250,000 in post production costs.

- Built entire Data Center—all rack nodes—from scratch: Router, Switches (Gigabit / Cat6), Firewall, XRAIDs, Xserves (running File, Print, DNS, Kerberos / Open Directory, Email, Web, FTP and VPN services), Tertiary Tape-Library Backups, and UPSs.
- Created in-house Audio/Video studio for internal repurposing of various media types (BETA, VHS, DVD, Hi-8, Mini-DV, Reel-to-Reel, etc.), for Post-Production, significantly reducing TCO. (See above - $250,000.) Accounting Dept. subsequently re-designated this space from cost-center to profit-center.
- Conceived print job tracking solution, generating increased revenue through both (a) quantifying job-related costs per client, (b) reducing costs of consumable resources from personal use.
- Established ALL I.T. Policies (usage, security, etc.), as none existed prior to my employ here.

Consultant, then Systems Analyst (2001 — 2003)
AARP / My Generation Magazine (now defunct) — New York, NY / www.aarp.org
Managed ALL technical operations as sole presence in the NY Editorial office.

- Reported directly to Director of IT at AARP Headquarters, Washington, DC
- Deployed first-generation Citrix clients enabling Macs to talk to AS-400 Mainframe (Payroll).
- Integrated QPS (Quark Publishing System) client / server administration.
- Resolved (then) little known issues routing AppleTalk packets and Cisco's Spanning-Tree protocol issues.
- Introduced Non-Linear Video Editing Dept. (Final Cut Pro). Produced / edited multiple digital video projects.

Field Service Technician (1997 to 2000)
Alliance Computer Systems, Inc. (now defunct) — Wantagh, NY
- Dispatched full-time to Bookspan, BMG Music (was Doubleday Publishing) and Cygnus Publishing.

RELATED EXPERTISE

- LAN Conception, Installation, Administration
- Remote Access Administration / Log Monitoring
- Security Analysis and Auditing
- Protocol Analysis (Packet Sniffing)
- Open Directory / Active Directory Integration
- Internal DNS Administration / Hosting

- NetBoot / NetInstall Rapid Mass Deployment
- Multimedia Content Development / Digital Video
- Workflow Automation (via Shell / Apple Scripting)
- Management of Licenses and Serialization
- Hardware Repair (AppleCare, A-Plus Certifications)

EDUCATION

- St. Joseph's College, Brooklyn, NY
- Nassau Community College, Garden City, NY
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CERTIFICATIONS

- Mac OS X / Mac OS X Server Essentials — NovaWorks Computer Systems, New York City
- A-Plus Course — Pulse Business Systems, Mineola, NY
- Apple Systems Service Certification — Pulse Business Systems, Mineola, NY