

Johnnie Lamar Odom II

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Education

- ◆ **University of West Florida, Pensacola FL.** M.S. Computer Science, *May 2009.*
- ◆ **University of West Florida, Pensacola FL.** M. Ed. Educational Leadership, Administrator certification exams. *August 2003.*
- ◆ **Amherst College, Amherst MA.** B.A. English and History with Distinction, *May 2000.*

Certification and Work Clearance

- ◆ **Novell NCA.** SUSE Linux Enterprise10.x Open Enterprise Server 2.x.
- ◆ **Novell CNE and CNA.** Netware 6.x.
- ◆ **Apple Certified System Administrator** OS X 10.4.
- ◆ **Apple Certified Technical Coordinator.** OS X 10.3 / 10.4.
- ◆ **Dual U.S. / UK Citizenship.** Work clearance for U.S. and E.U.

Keywords (Context Below)

- ◆ **Servers:** SUSE Linux Enterprise / OES, Windows 2000 - 2008, Netware, Mac OS X Server, OpenVMS, DEC Unix, Z/OS
- ◆ **Programming Languages:** C, C#, Objective C, Perl, PHP, VB.NET, AppleScript, Java, DCL
- ◆ **Enterprise Products:** eDirectory, ActiveDirectory, OpenDirectory, Novell Identity Manager, Storage Manager, Zenworks, Groupwise, Lotus Notes
- ◆ **Databases:** MS-SQL Server 2000 - 2005, MySQL, Sybase, FoxPro, DataPerfect
- ◆ **Educational and Office Products:** Moodle, Safari Montage, ICanaka, Quicktime Streaming Server, ATS, DocStar, Integrated Learning Systems (Pearson Successmaker, Riverdeep Destination Math and Reading, iFolder, Novell Teaming, New Century Software, Read 180, and Plato Learning), Renaissance Products, cafeteria POS, media center automation, phone-interface, bookkeeping systems.

Information Technology Skills and Experience

Escambia County School District

Pensacola, FL

◆ **Network Analyst**

August 2008-Present

Official job description at http://www.escambia.k12.fl.us/Employment/PDF/ANALYST_NETWORK_SYSTEMS.PDF

This position is the highest non-managerial role in the ECSD IT Department. For the technical areas below, the following comprehensive duties apply: Research and construct official guidelines and long-term roadmaps (pending managerial approval). Evaluate potential systems. Lead deployment of new systems and create procedures for upgrades. Creation of documentation and teach staff development curriculum. Backline (top-tier) support for all systems. Representation of the IT Department at the Superintendent level within District and to vendors and trade organizations outside District.

❖ **Technology Lead for the Following Areas:**

- *Directory Services.* eDirectory, ActiveDirectory, OpenDirectory and co-lead in Novell Identity Manager and Storage Manager.
- *Server Maintenance and Deployment.* Responsible for support of all server OSES (Windows, Linux, OS X, Netware), VMWare infrastructure, and currently spearheading Netware-to-Linux migration.
- *Desktop Programming and Automation.* Internal desktop apps and system administration scripting.
- *Systems Integration.* Projects to share Z/OS VSAM data with modern data stores. Single Sign On (SSO) and cross-deployment of Novell, Microsoft, and Apple solution stacks.
- *Collaboration and Web Technologies.* Deploy and maintain all LAMP-based services, create new internal LAMP applications, and support Webmaster's ASP/IIS stack.
- *Apple Technologies Support.* Standards and methods for OS X workstation deployment. OS X and eDirectory integration. OS X Troubleshooting.

Secondary responsibilities for GroupWise, backups, database maintenance, and network security.

◆ **IT Specialist I**

February 2007-July 2008

Increased role in Network Services group. Additional system administration responsibilities including District-wide SQL Server 2005, Cisco Firewall / VPN / NAT, SAN, Fiber Channel, DNS, Groupwise, ActiveDirectory, eDirectory, and Linux servers (embedded and SUSE). Otherwise duties similar to previous positions below.

❖ **Notable Projects:**

- *eDirectory and Network Stabilization.* Corrected SLP, SSL certificate, DNS, and eDirectory maintenance problems on 90+ District eDirectory servers. Standardized remote access capabilities, updated server configurations, and brought service packs to latest consistent level. Similar process is ongoing for 35+ OS X servers and 70+ Windows 2003 servers.
- *Z/OS SOA Access Project.* Spearheaded inter-departmental project to provide dynamic MS-SQL 2005 access to critical application data for Human Resources, Student Records, Finance, and Inventory data maintained in Z/OS VSAM flat files accessed as data stores for COBOL batch and CICS applications. Project is ongoing.

- *Advanced Zenworks Deployment.* Lead for projects to deploy Zenworks Patch Management and Asset Inventory District-wide. Worked with consultant to establish integration with District roadmap, resources, and application customization.
- *Web Application Programming and Support.* Ongoing. Write and deploy web applications in C#, ASP.NET, PHP, and Javascript including internal database apps and FoxPro-to-SQL converter. Support and troubleshoot custom web applications created by District Webmaster. Maintain internal infrastructure and documentation for other District web programmers. Troubleshoot and support third-party web applications.

◆ **IT Specialist II** *October 2005-January 2007*

Position created as part of departmental career path review. Attached to Network Services department as lead on District Macintosh and OS X projects. Team lead for Administrative Support Team with duties supporting central School Board Administrative Centers.

❖ **Notable Projects:**

- *Administrative Support Team Lead.* Set workstation and server standards and procedures for District administrative sites.
- *Mac OS X Project Lead.* Developed standard workstation, server, and deployment procedures for District Macintosh clients. Continued work on Macintosh / eDirectory / Windows integration projects. Designed and taught Macintosh training for technical personnel.
- *School Board Administration Building Site Standardization.* Implemented Zenworks, iPrint, eDirectory, and other services to revise existing server, network, and workstation infrastructure at central school board offices to comply with existing District IT standards and to create additional network management functionality. Deployed custom applications and installers to revise / update existing workstations and created images for new deployments. Continued project at secondary administrative center.
- *Mission Critical Support.* Primary server and desktop support for Application Support division of Information Technology department, District Superintendent, Senior Staff, School Board, Human Resources and Finance domains. Supported Active-Directory / MS-SQL based applications (DocStar / ATS) and legacy applications (FoxPro, TN3270 emulation).

◆ **IT Technician III** *July 2002-October 2005*

Escambia County is the 84th largest school district in the country: 64 schools and centers, 50,000 users.

❖ **Multiple Campus Support:** Have supported 13 separate campuses simultaneously encompassing Department of Juvenile Justice Detention Center and facility on Corry Field Naval Base, Special Education (ESE) centers, charter schools, and all grade levels K-12. Depending upon the size of the facility support provided is either top tier (if there is a technology coordinator on-site) or comprehensive (if there is no technology support on-site).

❖ **Notable Projects:**

- *Molino Park Elementary.* Lead on project to design and implement technical infrastructure for the new Molino Park Elementary School. Worked with school administration, individual teachers, contractors, ECSD Facilities and Warehouse departments, and other members of Information Technology to plan a technology infrastructure that would serve the school's curriculum, remain within a limited budget, and maintain robustness over time. Implemented plan including purchase and setup of 150+ Macintosh OS X workstations, 4 servers, 5 network aggregation points, and configuration of network applications including security camera system. Also arranged for migration of equipment from consolidated sites.
- *eDirectory/OS X Integration.* Spearheaded project to support Macintosh clients via Novell eDirectory. User credentials are kept in eDirectory (via LDAP), home directories and other resources are on OS X server. Worked with Novell administrator to expand schema and integrate project into long-term Novell roadmap. Worked with colleagues on Elementary support team to test environment against all necessary applications and enhance student security. Cross-trained school and departmental personnel to set up eDirectory/OS X integration locally and troubleshoot. Presented internal staff development on topic. Currently deploying Condrey Consulting's Kanaka product as the next stage of this project.
- *Internal Programming.* Wrote or collaborated on simple PHP/mysql applications for network IP management, password self-service and reporting, and directory lookups. VB and OS X Cocoa applications for basic system information reporting. AppleScript scripting for system management and connectivity. Java application to parse proxy data. Web and graphic design.
- *QuickTime Video Streaming.* Led initiative to broadcast a continuous multicast video stream of the Florida Knowledge Network and special event streams such as motivational speakers. Worked with network infrastructure leads and ECSD video department to ensure high quality of content and delivery. Also designed web portal for streams.

❖ **Networking:** Support WAN/MAN connections involving frame relay, fiber, and long-distance wireless. SAN / Fiber Channel maintenance. Maintain and install internal campus networks including standard switches, routers, and wireless access points.

❖ **Documentation and Training:** Wrote "Macintosh Manual" for ECSD including setup, standardization, and maintenance of Macintosh OS X environment and LDAP integration. Documentation for video streaming projects and end-user training. Conducted weekly after-hours sessions on technical topics for District and school-based IT personnel.

◆ **TLCF Grant Administrator** *August 2001-July 2002.*

Administered Federal grant provided by the State of Florida to four underperforming low-income schools. Implemented all aspects of the project including dealing with vendors, equipment installation, developing curriculum, teaching students, training teachers, troubleshooting, web and script programming, fulfilling state administrative requirements, and overall project management. Coordinated communication between 13 teachers and classrooms at 4 schools, District level staff including math and science specialists, Information Technology departments, and state auditors in order to integrate grant fully with all curricular, technical, and federal reporting objectives. 2001-2002 grant involved \$500,000 worth of equipment and services centered around a wireless WAN, mobile Apple iBook computing labs, and video conferencing. Riverdeep, EasyTech and Lightspan EduTest software. Also, duties associated with Technician III position above.

Computer Education and Design (CED) *Gulf Breeze, FL*

◆ **Technical Recruiter** *June 2000-July 2001.*

New business development, applicant tracking, technical interviews, background checks, and company recruiting strategy. Clients included the City of Pensacola, U.S. Navy, Cerex Advanced Fabrics, Minolta-QMS, Gulf Coast Internet Company, and SmartCOP. Skill sets for positions filled varied: N-Tier Visual Basic Programmers with COM/DCOM, MVS system programmers, Unix and embedded C++ programmers, multi-platform support personnel, VMS consultants, and Lotus Notes administrators.

◆ **Operations Support** *Summers 1998 and 1999 and also January 1999, 2000.*

CED provides software solutions, high-end technical training, and IT recruiting for manufacturing, e-commerce startups, and government. Lotus Business Partner and Microsoft Certified Partner. Notable Duties: Comprehensive document migration plan for the Morton Corporation, Y2K plan for internal and client use. Customer support for Windows NT Server, Lotus Notes, and Macintosh.

Amherst College *Amherst, MA*

◆ **Computer Center Supervisor** *1996-2000.*

Maintenance and troubleshooting sixty desktops, Windows and Macintosh. End-user support for DEC Unix and OpenVMS systems. Instructor for center orientation. Network printing control and maintenance. Special help with graphic and publishing labs.

◆ **Student Network Specialist** *1997-2000.*

Phone and field support for campus Ethernet network with 2000+ users.

◆ **Web Design and Programming** *1996-2000.*

Designed sites for Office of Financial Aid and Robert Frost Library. OpenVMS DCL scripts.

Barnes / West Productions *Pensacola, FL*

◆ **Video Production Apprentice** *1995-1997.*

Linear and non-linear (digital) editing including Amiga Toaster and D-Vision. Crew for broadcast network productions (*Strange Universe, The History Channel*), industrial films, music videos, and sports events.

Writing and Production Experience

- ◆ **Video:** Barnes / West Productions and School District of Escambia County (See Above)
- ◆ **Theatrical Writing, Directing, Production.** Directed *Around the Pond in 80 Days* (musical, July 2009) and *The Little Prince* (mainstage, March 2007) for Pensacola Little Theater, Wrote and co-directed *Smoke* (Summer 2002), a play funded and performed through the Florida State Tobacco Grant program. Founded and served as producer for the Northwest Florida Young Playwrights Festival (1994) with three works performed (1994-1997). Produced first full production of Joshua H. Cohen's musical *Dragons* (Summer, 1998). Co-produced the "Red Wagon Review" (Summer 1997) for the Escambia Association of Retarded Citizens (ARC).
- ◆ **Print:** Former Editor-in-Chief, Amherst Spectator (1998) Columnist with work appearing in the *Pensacola News-Journal*, *Class Acts*, on-line at the *Daily Jolt* (www.dailyjolt.com) and college publications including the *Amherst Student*.

Awards and Community

- ◆ **Commencement Speaker:** Gave the Student Commencement Address for Amherst College on May 21, 2000.
- ◆ **Computer Center Award:** Amherst College. Sole recipient, 2000.
- ◆ **American Legion Boys' State:** Served as Senate Reading Secretary during 1995 session.
- ◆ **Volunteer of Year:** N.B. Cook Elementary School of the Arts for 1995 and 1996.
- ◆ **Board Member of Pensacola Little Theater's Treehouse Theater Branch:** March 2009 - Present
- ◆ **Member, Adult Education Committee, First United Methodist Church of Pensacola FL:** 2009 - 2010.

References and Portfolio available upon request.