

Robert D Losee

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Offering a unique combination of project management, business analysis, and information technology experience. Managing up to 20 people in scattered locations, and managing many projects from inception to implementation has given me a reputation for getting challenging projects done. Business analysis includes extensive experience working with clients to meet their IT needs in applications and websites. Techniques used include qualitative and quantitative (statistical) analysis, Google Analytics, and queue modeling. In depth IT experience includes programming; enterprise database design and administration; website development and design.

Professional Experience

Robert Losee & Associates, Kansas City 11/11-Current
Developing analytical, blog, and recipe websites. This includes developing Wordpress themes, creating, modifying, and administering MySQL, and using R and Python for analysis.

Technologies used: PHP, WordPress, CSS3, HTML5, Excel, Google Analytics, R and Subversion.

UNIVERSITY OF NEBRASKA, Educational Media, Lincoln NE 7/07 – 11/11
EdMedia brings information technology, video productions, and writing together into convergent media products. The IT section develops, designs, and hosts websites; does usability testing of websites; infrastructure support; help desk support; and teaching.

IT Coordinator & Special Projects

Managed an IT team of between 10-20 FTE with approximately a million dollar budget. Coordinated strategic directions including overall IT architecture with the campus and central administration, managing daily operational details, defining client needs and features we could provide them.

Greatest accomplishment was leading the web development team offering the only large scale web framework system on campus using Liferay (later chosen as a Gartner magic quadrangle product). This included content management, portal, and social networking supporting over a hundred websites for the campus. Through the use of usability studies, surveys, and methodologies we work with departments focusing on a strategic orientation to website and content provisioning.

- Coordinated architecture and strategic directions across the University of Nebraska system.
- Rated 4-5 stars in customer satisfaction surveys I initiated supporting 600 users with 900 computers (2,000 devices).
- Selected and upgraded our VMWare architecture creating the University of Nebraska—Lincoln's largest ESX environment.
- Implemented usability studies and Google Analytics tracking to improve web traffic to our supported websites.
- Negotiated, wrote, and coordinated agreements with the campus's central IT department.
- Calmed staffs' fears and continued to deliver excellent service despite changes in budgets and the department's organization.

Technologies used: PHP, CSS, HTML, Excel, Word, Access, Visio, Visual Basic, Google Analytics, MaxQDA, Liferay, Autotask, OS X, and MySQL.

UNIVERSITY OF NEBRASKA, Information Services, Lincoln NE 98-07
Central campus IT department. My team provided enterprise applications support especially for student information systems.

Technology Practices Coordinator

Recommended and coordinated new system architectures and procedures for enterprise systems. Managed IT team of 3-4 FTE bringing up Linux/Window server technology to support new web based applications.

Greatest accomplishment was starting a grassroots effort across four very independent campuses to replace Social Security Numbers with a common ID. My team succeeded *and* generated millions of dollars in revenue for the campuses. Other accomplishments included:

- Promoted and ultimately won the adoption of VMWare architecture as the basis for campus computing saving hundreds of thousands of dollars while improving performance.
- Established a multi-server environment that grew to about 40 servers while leading a server team of 3 FTE to run our student information system web applications.
- Lead team implementing LDAP.
- Head database administrator for campus enterprise systems.
- Lead team in the selection of Java for our enterprise applications development.
- Introduced web based student information applications.
- Headed inventory and enforcement of Social Security Number elimination for Lincoln campus.

Technologies used: Excel, Word, DB2, MS SQLServer, Oracle DB, Linux, Windows, AIX, Java, PERL, Uniface, REXX, COBOL.

NEBRASKA EDUCATIONAL TELECOMMUNICATIONS, Lincoln NE 95-96

NET provides radio, television, and productions for both the state and nation. They also act as the alternate site for national PBS.

Consultant

Liaison between NET and an outside software vendor to insure smooth communications and project design for new scheduling software. Reviewed requirements and made suggestions for the university contract with the software vendor.

UNIVERSITY OF NEBRASKA, Computing Services Network, Lincoln NE 81-98

Central IT department for the four campus system with my area providing enterprise applications support especially for student information systems.

Programmer/Analyst 1 and 2

Implemented and maintained enterprise systems, primarily student information systems. This included installation and management of databases, middleware products, and network systems on multiple platforms.

Best accomplishment during this period was creating tagged documents, using the predecessor to XML, scripts, and new laser printer technology. From this foundation UNL became one of the first universities to use laser formatted transcripts and letters, automatically generated commencement brochures, and automatically generated reports with statistical information including maps. IBM recognized this innovative use of technology and flew in two writers to the campus to create an internationally distributed publication about our work.

Other accomplishments included:

- Wrote client/server and web based student administrative applications.
- Administered Novell network (security grants and set up) and TCP/IP access of applications.
- Converted IMS-based student information system to DB2-based system.
- Set up student health system on a network that included an RS/6000 running AIX with numerous work stations and laser printers.

- Wrote newsletter articles and user documentation describing many aspects of the computer for different skill levels.

Technologies used: DCF/GML (predecessor to XML), IMS, IDMS, REXX, COBOL, PL/1, SAS, SPSS 370 Assembler

UNIVERSITY OF NEBRASKA, Computing Services Network, Lincoln NE 80-81
Central IT department for the four campus system with my area providing enterprise applications support especially for student information systems.

Programmer 1

Analyzed and programmed systems, including writing an I/O system to read uniquely formatted (OCLC library) tapes, dental patient records system, and report generation.

Selected Conference Presentations and Publications

2009 EDUCAUSE Midwest Regional Conference—“Creating a Culture Focused on Strategic Web Goals Based on Data-Driven User-Centric Web Design.”

2006 EDUCAUSE Midwest Regional Conference—“Making Recarding Make Money and Progress in Security.”

EDUCAUSE [North American] '99—“Component and Web Services Development Using URBA and WebApplication Server”

My work reviewed in Compuware’s 1997 publication Millennium called “Application Accepted at Leading University” about client-server integration of mainframes and workstations enhancing legacy applications.

My work reviewed in an internationally distributed IBM “Application Brief” in October 1989 entitled “Shift to Mainframe and Microcomputer-Based Production Streamlines University Publishing Operations” describing our early adoption of structured documents making significant cost savings.

Coauthored an international journal article: K. Kendall and R. Losee, “Information System Folklore: A New Technique for System Documentation”, *Information & Management*, February 1986.

Education

University of Nebraska—Lincoln

Master of Business Administration, with special emphasis in management information systems, decision support systems, statistics, decision sciences, and computer modeling.

University of Nebraska—Lincoln

Bachelor of Science, with majors in computer science, mathematics, and economics.

Other Experience

Lead and created youth organizations, and was head of a non-profit.