

JENNIFER M. LENTE

U.S. Citizen

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OBJECTIVE:

Graduating M.S. student in the Computer Science program at New Mexico Tech seeks a full-time, permanent opportunity to conduct Information Security best practices through project management using cyber and network security methods and information analysis to work towards organizational objectives.

EDUCATION:

New Mexico Institute of Mining and Technology (NMT), Socorro, NM (August 2010 – current)

- Master of Science – Computer Science, Information Technology – 3.45/4.00 GPA Expected Graduation Date: May 2014

The University of New Mexico (UNM), Albuquerque, NM (1999 – 2005)

- Bachelor of Science – Computer Engineering, cum laude – 3.38/4.00 GPA

AWARDS AND CERTIFICATION:

- **Scholarship for Service (SFS) Program**, National Science Foundation (NSF) and Department of Homeland Security (DHS) (January 2011 – Present)
- **CompTIA Network+ Certification** (July 23, 2010)

TECHNICAL SKILLS:

- **Programming Languages:** XHTML/HTML, JavaScript/JSP, AJAX, PHP, Python, Java, C/C++.
- **Software Development Process:** Rational Unified Process (RUP) & UML experience.
- **Database Management Systems:** Microsoft SQL Server, MySQL, PostgreSQL.
- **Software/Systems:** Wireshark, NMAP, VA Resource & Patient Management System (VA RPMS), VA Fileman, Caché Cube, Microsoft Office, Visio, Visual Studio, Exchange, Quickbooks, QS/1 Pharmacy, Dentrax Dental System, Sun Microsystems OpenOffice.org, Internet Explorer, Google Chrome, Apple Safari, Mozilla Firefox, vi Text Editor.
- **Operating Systems:** Microsoft Windows XP/Vista/7, Server 2003/2008, LAMP (Ubuntu Linux/Apache/MySQL/PHP), UNIX, AIX, Mac OS X Mountain Lion.
- **Services:** TCP/IP, DHCP, DNS, Active Directory, IIS, WSUS.
- **Antivirus Software:** BitDefender Antivirus Software, Kaspersky Antivirus Software.
- **Hardware:** Dell and HP servers, personal computers, and laptops, printer maintenance, Cisco Switches, Sonicwall Firewall.

PROFESSIONAL EXPERIENCE:

Isleta Health Center, Isleta, NM (September 2006 – current)

MIS Manager

- Address problems, install, configure, troubleshoot, and provide maintenance and training in response to customer requirements or inquiries related to RPMS IHS Kernel, RPMS Menu Structures, Caché cube software, Windows Server 2003-2010 & AIX environments, Windows Terminal Services, MS Exchange 2003, Active Directory, DNS, DHCP, IIS for approximately 100 employees.
- Develop and/or administer databases and/or data management systems that allow for the storage, query, and utilization of data related to VARPMS and patient check-in processes.
- Install, configure, test, operate, maintain, and manage network and firewall, including hardware (e.g., switches, routers, and cables) and software that permit the sharing and transmission of information to support the information systems.
- Install, configure, troubleshoot, and maintain server configurations (hardware and software) to ensure their confidentiality, integrity, and availability. Also manage accounts, firewall, and patches. Responsible for access control, passwords, and account creation and administration.
- Write policies and update/advocate policy changes & procedures and conduct training of personnel within security domain. Develop, plan, coordinate, deliver and/or evaluate training courses, methods, and techniques as appropriate.
- Oversee the information assurance program of an information system inside the network environment; also includes budgeting and procurement duties.
- Manage information security implications within the clinic, which includes strategic, personnel, infrastructure, policy enforcement, emergency planning, and security awareness.
- Collect, process, preserve, analyze, and present computer-related evidence in support of network vulnerability mitigation, and/or criminal, fraud, law enforcement investigations.
- Analyze collected information to identify vulnerabilities and potential for exploitation.
- Respond to urgent situations to mitigate immediate and potential threats. Use mitigation, preparedness, and response and recovery approaches, as needed, to maximize preservation of property, data, and information security.
- Conduct assessments of threats and vulnerabilities, determine deviations from acceptable configurations, local policy, assess the level of risk, and develop and/or recommend appropriate mitigation countermeasures in operational situations.
- Develop and write new (or modify existing) computer applications, software, or specialized utility programs following software assurance best practices.
- Conduct technology assessment and integration processes.
- Prepare annual IT operational budget; define and initiate projects, manage cost and schedule of projects, and develop Hardware/Software Lifecycle Plans.
- Oversaw all IT aspects for planning/construction of new 4500 sq. ft. Behavioral Health wing, and Pharmacy/Server Room expansion projects.

New Mexico Institute of Mining and Technology, Socorro, NM (August 2010 – current)

- **Teaching Assistant, Scholarship for Service Professional Development Class**

Sandia National Laboratories, Albuquerque, NM (August 2005 – July 2006)

Information Systems Manager (Geochemistry student intern)

- Network Information System (NWIS) Certified System Administrator
- Installed, configured, tested, operated, maintained, and managed computer lab machines & hardware (SGI & PC) including two Linux (SUSE & Yellowdog) clusters
- Developed and wrote new (or modified existing) computer applications, software, or specialized utility programs following software assurance best practices for the following: Cerius2, Materials Studio Molecular Modeling software, Portable Batch System (PBS), MPICH, LAMMPS (Large-scale Atomic/Molecular Massively Parallel Simulator), & VASP (Vienna Ab-Initio Simulation Package).

Wellkeeper, Albuquerque, NM (May 2005 – August 2005)

Web Application Developer (student intern)

- Modified existing web-based applications following software assurance best practices to better suit customer needs using Python and PostgreSQL.
- Worked on the development phases of the systems development lifecycle using the Rational Unified Process.

IBM, Austin, TX (May 2002 – August 2002)

Gigaprocessors and CEC Verification (summer intern)

- Learned Java & created a graphical user interface for GDB compiler

IBM, Austin, TX (May 2001 – August 2001)

AIX Installations/Systems Upgrade (summer intern)

- Developed automated test cases/test plans using Korn shell (KSH) scripting language to test AIX based operating system code

IBM, Austin, TX (May 2000 – August 2000)

AIX Installations/Systems Upgrade (summer intern)

- Ran Pre-functional Verification Tests of AIX base operating system & repaired small code defects

IBM, Austin, TX (June 1999 – August 1999)

Information Systems Manager (summer intern)

- Ran test cases on AIX based operating systems & worked with Lab Admin to maintain/update computer lab test machines & server software

COMMUNITY ACTIVITIES:

- **Kappa Mu Epsilon Math Honor Society** – Spring 2001 – present
- **Temporary Flexible Grader** – April 2005 – May 2005
- **UNM Honors Individual Study** – Summer 2004 – Fall 2004
- **UNM Women In Science and Engineering (WISE)** – Spring 2000 – Fall 2004
- **Isleta Pueblo School Board Committee** – Fall 2001 – July 2003
- **Isleta Pueblo's Project Venture, training in High Ropes Courses** – Spring 2001 – Spring 2003
- **Isleta Pueblo Leadership Youth Group Leader** – Spring 2001 – Spring 2003
- **Private Piano Instructor** – August 2000 – August 2003
- **IBM Campus Ambassador for UNM** – August 2000 – May 2002
- **IBM Activities Council** – Summer 2001 & Summer 2002