Colin LeMieux

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OBJECTIVE: Contribute to the success of an company that develops technology that will be beneficial to today's society and future generations.

Skills include:
- Software Integration: Experienced in leveraging API's across enterprise applications for interoperability to maximize productivity. Design and implement scripts for full system automation.
- Database Administration: Create, maintain, and optimize MSSQL databases.   Create and run data analytics using custom queries and stored procedures to predict growth and scalability.
- Network Infrastructure Design: Implementation of cloud infrastructure integration, local VLAN creation, redundancy, & load-balancing configuration using Netscalar and Cisco switches.
- Hardware infrastructure configurations: Virtual/physical server/workstation builds for specific use cases, system redundancy, life cycle management
- Knowledgeable in Change Management and Quality Assurance processes
- Deep understanding of digital imaging - compression formats, photometric interpretations, reconstruction techniques
- MSSQL, HTML, CSS, PHP, DHCP, VoIP, Python, VBscript, Object Oriented Languages, Web development
- Advanced troubleshooting on LINUX, Mac OS, and Windows platforms

EDUCATION:

MARQUETTE UNIVERSITY, Milwaukee, WI

Bachelor of Science Degree in Electrical and Computer Engineering, Graduation Date: July 2009
- Digital and analog circuit design using lab equipment: C-V meters, Oscilloscopes, Logic analyzers, Signal generators, Power meters
- Computer analysis in designing integrated circuits, logic gates, object oriented programming

EXPERIENCE

ALLINA HEALTH, Minneapolis, MN

Systems Analyst for Electronic Medical Imaging, February 2010 - Present
- Design, develop, implement and support hardware diagnostic viewing solutions for radiologist's reading
- Manage databases, storage, create redundancy, and design predictive image routing logic for Allina Health's enterprise imaging -   1.5 million exams/year; 65 TB/year
- Created and maintained cacheless patient-facing image/video viewer
- Provide clinical training and workflow analysis for process improvement.
- Manage hardware lifecycle replacement for servers, workstations, and medical devices.
- Served in a primary role for large scale data migrations of digital images and related reports
- Created Health Information Exchange to automate integration with disparate business partners for an all-encompassing patient history

ADDECO USA INC., Milwaukee, WI

Software Contractor for GE Healthcare, August 2007 – December 2008
- Product Software Validation Specialist, duties include validation testing on medical systems software, data entry, documenting product error reports, writing test procedures, configuring networks/servers, and verified proper integration with hardware.
- Great interpersonal skills: worked well with a lab team to release products on time.
- Worked side by side with lead project engineers to analyze/debug/correct software issues.

ACTIVITIES/AWARDS
- Employee Recognition Award - Allina Health HIE project
- Key contributor award - Allina Health