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| **Objective** |  | A leadership role with a software team where I can apply my background in engineering management, my extensive technical experience, and my ability to teach and mentor. |
| **Experience** |  | **Software Systems Manager:** Analog Devices, Inc. **2004—Present**  Led a team of five engineers responsible for production process control and system administration of a server room and 250 UNIX-based appliances on the manufacturing floor.   * Created production control software and data management tools using Perl. * Implemented monitor and failover process for critical servers and applications. * Directed transfer of 150 testers from remote locations to local site. * Designed, specified, and managed installation of Legato NetWorker backup system. * Redesigned server room, redistributed applications, and replaced obsolete hardware.   **Adjunct Professor:** Nashua Community College **2007—Present**  Developed class material and taught classes of 5-25 students. Classes taught included:   * The Perl programming language * Developing Web-based applications using PHP and MySQL * Introduction to programming using Visal Basic .NET   **Senior Software Systems Engineer:** Analog Devices, Inc. 1999—2004  Served as team leader and technical contributor for the Worldwide Test Standardization team to optimize test software processes and tester configuration throughout Analog Devices.   * Automated test software release process at all worldwide locations. * Created application that generates integrated reports of tester utilization at all sites. * Designed database driven, Web-based applications to drive automation.   **Software Engineer:** Matec Instrument Companies 1996—1999  Designed, developed, and maintained components of an ultrasonic inspection system.   * Designed GUI, process control, real-time data acquisition, data flow, and data storage. * Programmed data mapping, flaw detection, and motion control subsystems. * Developed custom algorithms for automated flaw detection and dispositioning. * Provided support and training and performed system integration at customer sites. |
| **Education** |  | **Tufts University - The Gordon Institute**  Master of Science in Engineering Management.  **Case Western Reserve University**  Bachelor of Science in Computer Science; minors in Communication Science and Mathematics. |
| **Skill Set** |  | * Expert knowledge and 15 years experience with Perl * Leadership, project management, resource allocation, and interpersonal skills * Strong written and oral communication skills including presentation design * Experience building dynamic websites using including Perl, PHP, and JavaScript/AJAX * Excellent teaching/mentoring skills in one-on-one and group settings * Experience building database-driven applications using MySQL, Postgres, and MS-SQL * Solaris and Linux sysadmin experience, including network services and shell scripting * Experience leading a QA team, including regression testing and test plan creation * Experience programming in C/C++ in the Win32 and UNIX environments * Proficient in Microsoft Office, Acrobat, Visio, and Internet applications |