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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—2004Served 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—1999Designed, 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.
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| **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
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