

Jeremy Holland

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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 Visual 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