

**JOHN A. HULL**

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**experience**

1999-present

**DELL COMPUTER CORPORATION**

**ROUND ROCK, TX**

2004-present

**Technical Project Lead, SUSE Linux Program.** Responsible for leading the engineering development process for SUSE Linux Enterprise Server on PowerEdge servers.

- Responsible for leading the Dell/Novell technical relationship
- Lead team of 5 people to test, qualify, and certify SUSE Linux Enterprise Server 9 on PowerEdge servers.
- With no previous experience or relationship with SUSE, completed first set of system qualifications and certifications 2.5 months after program began, on-time and under budget

2001-present

**Lead Workstation Engineer, Linux Solutions Development.** Responsible for leading the engineering development process for Red Hat Enterprise Linux on all new Precision workstation platforms and peripherals.

- Responsible for directing all test and development efforts for Red Hat Linux on Precision Workstations, including new operating systems, new hardware platforms, all peripherals, and third-party device drivers
- Responsible for driving hardware vendors to release Linux device driver support for all new platforms and peripherals. Reduced the average lag time between initial new hardware release (with Windows support) and Linux support for that new hardware from four months to almost zero. In most cases was able to provide full Linux support for new hardware at initial hardware release.
- Responsible for the development of RPMs delivered to customers for device drivers not included in the Linux kernel
- Major contributor to dell-precision and dell-poweredge customer mailing lists
- Managed and directed the transition of the engineering side of the Precision Linux program from a rogue, nonstandard engineering process to integrating the operating system into the standard Precision engineering release/sustaining processes

2000-2003

**Lead Test Engineer, Linux Solutions Development.** Responsible for leading Dell's test efforts for all new Red Hat Linux operating systems on PowerEdge Servers and Precision Workstations.

- Managed and directed the efforts of four test technicians in Austin and three test engineers in Dell's Offshore Development Center in India.
- Directed the development of the Linux Test Suite, a set of open-source tools customized and packaged for Linux testing at Dell.
- Managed the transition and ongoing efforts of 50% of the Linux Solutions Development group's test resources to the offshore development site in India
- Found severity 1 and 2 bugs an average of 30% sooner during test cycles through improvements in test coverage, test automation, and overall test processes

1999-2000

**Manufacturing Product Engineer, Dell Americas Operations.** Managed release of new preinstalled software and peripherals products into Dell's manufacturing process for the PowerEdge and Precision product lines in Dell's Americas region.

- Increased efficiency of software product introduction pilots by 50% by improving and formalizing the pre-pilot planning process.
- Documented Dell's important manufacturing IT processes and created a training program for manufacturing engineers and new hires to transfer knowledge of how information flows within Dell's factories

- Reduced average cycle time for new software pilots from 5 days to 3 days through creation of pilot system reuse process

**education**

1997-1999

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY****BOSTON, MA**

Master of Science in Mechanical Engineering, September 1999. Research Assistant in the Center for Innovation in Product Development. Thesis title: "The Identification of Gaps and Overlaps in the Product Portfolio."

1992-1997

**UNIVERSITY OF PENNSYLVANIA****PHILADELPHIA, PA**

Bachelor of Science in Mechanical Engineering, Bachelor of Science in Economics with a concentration in Entrepreneurial Management. Graduated Magna Cum Laude. Member of varsity football team 1992-1994. Elected to Tau Beta Pi Engineering Honor Society. Received Victor W. Ku Memorial Award. Associate Director of Engineering Peer Advisory Council.

**skills**

Programming languages: proficient in C, Python, Perl, HTML, XML, and shell scripting. Particularly strong experience in developing RPMs

**publications**

Hull, John. "The Identification of Gaps and Overlaps in the Product Portfolio." MIT Master of Science Thesis, September 1999.

Hull, John and Boley, Steve. "Configuring and Managing Software RAID with Red Hat Enterprise Linux 3". Dell Power Solutions, March 2004.

Hull, John, Robert Hentosh, and Rogelio Noriega. "Harnessing PXE Boot Services in Linux Environments". Dell Power Solutions, June 2004

**personal**

Enjoy football, basketball, weightlifting, snowboarding, computer games, auto racing, and movies.