

Quentin J. Lewis

Computer Hardware Engineer | Team Lead | Mentor

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Summary

- Leads Cross-functional teams solving field and factory escalations in less time and with enhanced resource use
- Optimized Field FRU Debug & Repair Process through Feedback of Field Return findings to Field Service and Repair Depot
- Loves Hands-on lab debug, bug triage and solving complex cross functional issues
- Created More Opportunity for Cross-product Leverage by Standardizing the Component Qualification Process which increased throughput
- Mentored New College Hires, bringing smart people up to speed on organizational process and norms faster
- Lab Debug of Issues Using Oscilloscopes, Logic Analyzers as well as Host and Service Processor debug interfaces, iLOM, Sunservice and Web

Experience

Sun Microsystems Inc., Burlington, Massachusetts (Acquired by Oracle in 2010) 2004-2017

Principal Hardware Engineer / Sustaining: 2010-2017

- Lead the T7-x, T4-4 and T3-4 Cross-functional Engineering teams to prioritize all incoming escalations and manage all work
- Sustaining Enhancement of New Production T-Series Products (T7-4, T4-4, and T3-4) Resulted in a 50% Enhancement of Production First Pass Yields
- Lead a team of 5 Engineers standardizing T-Series Component Qualification allowing cross-company Qualification Leverage
- Mentored a New College Hire to the point where she took full product Sustaining Responsibilities in less than 6 months

MTS5, Senior Staff Engineer / Sustaining : 2004-2010

- Performed Development Tuning for Sunfire 890 to Sunfire 890 Panther Speedbump (New Processor update)
- Field and Factory Support for all Issues and Escalations on Sunfire 480/490 and Sunfire 880/890/890 Panther
- Ran the Engineering Team, pulling together all cross-functional stakeholders

Kentron Technologies, Wilmington, Massachusetts

2000-2004

Director of Engineering:

- Reported to the President/CTO & CEO
- Directed the work of (3) Development Engineers and (1) Technician
- Organized and headed Engineering Department; developing Quad-Band Memory (QBM) Intellectual Property and DIMM DRAM memory products
- Oversaw new product development, sustaining engineering, and field and sales support
- Headed team creating high performance, high density, "first in class" products
- Coordinate various external vendors as they develop QBM devices, testers and motherboards

Prior Employers: Sun Microsystems, Apollo Computer, Rixon Inc. and Instrumentation Laboratory

Education

- **Masters in Business Administration** (Organizational Management), Rivier College Nashua, NH
- **Continuing Education Certificate/Entrepreneurial Training Program**, Northern Essex

Community

College Haverhill, Ma.

- **BSET/Electrical Engineering Technology**, Wentworth Institute of Technology Boston, Ma

Graduated Cum Laude, President's List and Dean's List, Member of Tau Alpha Pi Fraternity

- **AS/Engineering with studies in Electronics Technology**, Wentworth Institute of Technology Boston, Ma

Graduated Cum Laude, President's List and Dean's List

Patents and Publications

- US Patent #5,706,173 - Support for long PCI card in computer enclosure
- US Patent #5,906,315 - Watchdog timer for controlling a cooling system
- US Patent #6,289,467 - Installation of processor and power supply modules in a multiprocessor system
- US Patent #6,349,353 - System and method for detecting and routing between an optional plug-in controller and multiple fixed peripheral backplanes
- US Patent #6,567,877 - Automatically enabling terminator for internal SCSI buses with external SCSI bus expansion

Community Service

- **FIRST ROBOTICS - Organizer & Volunteer on USFirst Teams at Alvirne (2000-2001), Bishop Guertin High School (2002,2003 & 2004) and Worcester Academy (2017)Teams.**
Team lead for the Bishop Guertin 2003 & 2004 USFirst team. The 2003 Team was a Granite State Regional Johnson and Johnson Sportsmanship Award Winner, and Nationals Quarterfinalist participant. The 2004 Team was the Granite State Regional Chairman's Award Winner.
- **Parent Volunteer on Presentation of Mary Academy Parent Group Computer Committee (1993-2007)** (Volunteer coordination, classroom and lab networking, PC hardware/software installation, teacher training, fundraising)
- **Litchfield School Technology Committee volunteer (2000-2004)** (Work on Technology plan. Prepared budgets requests for town meetings. Chairman of the teacher Training and Extracurricular Teacher Support Committees. Set-up and install hardware and software.)
- **Red Cross Disaster Team Volunteer (2001-2007)** First Aid/CPR/AED Certified
- **Edith Nourse Rogers Memorial Veterans Hospital, Bedford Massachusetts (2002-2012)**
Weekend Volunteer escorting patients to church
- **Lifelinks Inc., Chelmsford, Massachusetts (2007-Present)** Volunteer at Client Dances serving food and dancing
- **Minuteman Senior Services, Burlington, Massachusetts (2006-Present),** Shopper for Elderly Home Bound Woman
- **Elected Aaron Cutler Memorial Library Trustee (1995-2004)**
- **Elected Litchfield Budget Committee (1990-1993)**