

John Hovell

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OBJECTIVE

Seeking a return to technical product management: As an electrical engineer with both software development and product management expertise, I have not only firsthand understanding and technical grasp of the challenges faced by developers but also experience aligning engineering efforts with the "big picture" marketing and sales needs of a technical organization.

TECHNICAL EXPERIENCE

Spanion, Inc., Product Marketing Engineer II, Sunnyvale, CA, 2004 - 2006

Product manager for line of Flash memory products from inception to launch. Owned the product research, justification, development, testing, sampling, production and retirement processes; worked with leaders of respective groups to deliver products to market on schedule.

Structural Wealth Management LLC, Senior Software Developer, San Francisco, CA, 2008 – July 2009

Architected database schemata, wrote code, and managed a team of developers in a growing startup environment.

Tesla Motors, Inc., Electrical Engineer/Consultant, San Carlos, CA, 2007 – 2008

Implemented fully-automated regression testers for the critical safety electronics of world's largest (1000+ lbs) lithium-ion (Li-Ion) battery pack. Used results to improve safety and reliability. With one other engineer, ported 25,000 lines of system-critical PIC assembly to C, completed testing and documentation in under two months.

SRI International, Student Associate, Menlo Park, CA, 2002 - 2003

Designed FPGA-based hardware to construct a real-time 3-D model from two camera images for autonomous robots.

Stanford University, Coursework, Stanford University, CA, 1999 - 2004

Graduate-level coursework in alternative energy processes, green design, accounting, corporate finance, investment science, IPO valuation, manufacturing, product design and product sketching.

EDUCATION

Stanford University, Stanford, CA

Master of Science in Electrical Engineering, 2004

Certificate in Alliance for Innovative Manufacturing

Bachelor of Science in Electrical Engineering, 2003

Minor in Management Science and Engineering

Specialty in computer hardware

LEADERSHIP AND TEACHING EXPERIENCE

Stanford University, Resident Computer Coordinator, Stanford CA, 2001-2004

Supported 200+ residents' in-room network connections, personal computers, and Stanford network infrastructure.

Self Employed, Consultant, Darien, CT, 1997 - 2001

Network consultant with accounts including The Hartford (Hartford Life), Christian & Timbers, and Prudential Real Estate. Sole proprietor of firm grossing over \$50,000 while in high school.

TECHNICAL SKILLS

- Electronics Skills: Mixed signal circuit design, component selection, bring-up, debugging, rework, microscope soldering, high voltage, high current, power electronics, SPI, I2C, CAN bus (ISO 11898), Freescale HCS12/08, Microchip PIC 18F microcontrollers, Altium Designer.
- Programming languages: **C, C++, Java, PHP, MySQL, C#, Visual Basic, Verilog, HTML, SVN, CVS, MIPS assembly, Blackfin DSP assembly, PIC assembly, C18 compilers.** Expertise in **Linux, Windows** and **MacOS.**

INTERNATIONAL

- Spent May 2006 – April 2007 travelling in Russia, Greece, former Yugoslavia, Eastern Europe, Germany, England, Morocco, Dubai, Borneo, Indonesia, Malaysia, Singapore, Cambodia, Thailand, Hong Kong, and Sri Lanka.
- Spent September 2009 – December 2009 traveling in Korea, Colombia, Uruguay, Argentina, and Chile.