

# Robert Paratore

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## Objective

I seek a technical leadership position that provides opportunity to use my diverse technical background, problem solving, development process methodologies, research and development and personnel management skills to bring future products to market.

## Qualifications Summary

- Fifteen years of extensive experience building and leading diverse cross functional engineering development teams
- Twenty years experience utilizing complete Product Life Cycle Development Skills, Product Development Processes and Six Sigma Methods
- Ten years leading Design Compliance efforts involving Class A, B, C, D and FCC approvals
- Twelve years team leadership directing Designs for Peripherals, PC, Hand-Held, RF, RFID, Bar code, WLAN, and Instrumentation devices
- Fifteen years directing Software Design for RTOS, PC, Server Side, Client and Agent Applications
- Seven years experience directing Mechanical Design involving Case, Moving Parts and ID with Plastics and Metals designs
- Fifteen years providing development leadership for Embedded Devices Design for RTOS: PSOS, VRTX, Win CE. Device Drivers
- Twenty years leading timely delivery of products with a proven track record of producing quality designs within cost, schedule and performance goals
- Twelve years using various management and productivity tools like MS Office, Visual Studio, Power Point, Visio, MS Project etc.
- Ten years as a customer and executive management presenter and engineering liaison experience

## Professional Experience

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<b>Adapx Inc., Seattle, WA</b>	<b>Manager Digital Pen Platform Systems (Start-up)</b>	<b>4/06 to present</b>
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- Manage, hire, evaluate and direct the efforts for hardware development and embedded firmware, design
- Manage ODM relations.
- Coordinate corporate IP Activities (Authored Three Patent Filings pending)
- Manager Technical Support & QA

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<b>B&amp;B Electronics Ottawa, IL</b>	<b>Director Engineering and CTO</b>	<b>8/04 to 4/06</b>
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- Direct, evaluate and manage the efforts for embedded hardware, firmware, test and software development staff consisting of 18 engineers.
- Direct US and UK technical support staff of 7 technicians.
- Manage the development of embedded firmware products for the industrial, building automation and retail markets.
- Manage outsourced development Internationally. (Taiwan, China and India)
- Embedded product design include ARM, PIC and discrete designs using Linux and proprietary OS platforms.
- Design included embedded servers both wired and wireless encompassing technologies requiring skills in data acquisition, legacy communications and sensors. (802.11 a/b/g WiFi serial servers and 802.15.4 Zig bee end nodes and gateway)

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<b>Auction Essentials 4U, Woodinville, WA</b>	<b>Owner/Operator and Consulting Services</b>	<b>6/01 to 8/04</b>
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- Created an Auction assistance service specializing in auction Ad creation and Image/Mail form hosting.
- Designed and implemented multi-level membership services and member data bases
- Manage daily activity for member services, marketing, administration and sales.
- Wrote HTML/CGI/PERL/Java script code to support site, member services and member database files

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<b>America On-line Seattle, WA</b>	<b>Director Mobile Technology</b>	<b>3/00 to 5/01</b>
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- Provided SW Engineering Development leadership for a staff of 14 engineers for Wireless Instant Messaging development
- Directed Embedded Instant Messaging SDK Client designs for Phone Vendors: Nokia, Siemens LG, Motorola, Ericsson
- Managed SW designs of C, C++, PERL WML, TCIP, and Wireless Server Gateways.
- Responsible for development, localization & sustaining for 4 Wireless WAP and SMS based AIM and ICQ servers
- Developed an internal Engineering Software Product Development Process
- Directed the development a B2B and B2C Wireless AIM Web site <http://www.aol.com/aim/wireless/index.htm>
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<b>Intermec Corp., Everett, WA</b>	<b>Director of Engineering &amp; Research Engineering</b>	<b>9/93 to 3/00</b>
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- Directed: Hardware, Software, and Mechanical Engineering staff for the development of RTOS WLAN ADC Bar code and RFID devices
- Managed the localization & Sustaining planning for embedded Hand Held, Desk & Vehicle for RF networked WLAN ADC bar code and RFID products
- Directed Research for Devices, WLAN 2.4 Ghz, 802.11 and RFID Tags and Infrastructures
- Managed development project budgets in excess of 14 million dollars
- Provided Technical and Administrative Leadership and Guidance for Product Development Cycles [shorted cycles 50%]
- Performed staff evaluation performance reviews and participated in Patent review, Engineering Process development and Cross-functional team management

<b>Insync, Woodinville, WA</b>	<b>Consultant</b>	<b>5/90 to 9/93</b>
<ul style="list-style-type: none"> <li>• Consultant Architect for an integrated WLAN Hardware/Software solution for Spacelabs Medical Instrumentation</li> <li>• Managed Digital, Software, Mechanical, ID, RF and Analog Engineering Development Groups</li> <li>• Co authored a 5 yr. Wireless Road Map for the Motorola Wireless Data Division</li> <li>• Consultant for Integrated designs of wireless communications into pen based PDA systems at EO/GO</li> </ul>		
<b>Mobile Data International, Motorola, Bothell, WA.</b>	<b>Manager Hardware Development, Product Support &amp; QA</b>	<b>11/89 to 12/90</b>
<ul style="list-style-type: none"> <li>• Led and Managed the Digital Design, Embedded SW, ID and Mechanical Engineering Development and SW Verification Groups</li> <li>• Performed all administrative group functions within budgets of two million dollars</li> <li>• Developed the RPM 840 RF radio modem, considered the first reliable RF modem designed</li> <li>• Architect of the next generation RF portable devices RF PCMCIA ARDIS 405i 800 MHz radio.</li> <li>• Managed Cross functional development teams and engineering development process</li> <li>• Authored a Technical proposal for a sophisticated RF hand held computer for Federal Express couriers</li> </ul>		
<b>Insync Inc., Saratoga, CA.</b>	<b>President</b>	<b>7/88 to 11/89</b>
<ul style="list-style-type: none"> <li>• Created business plans for a pen based wireless HW/SW PDA venture</li> <li>• Authored a 5yr. Product Plan Road Map</li> <li>• Performed the high and low level engineering services for small corporations</li> <li>• Provided Hardware, Software and Mechanical design, architecture and strategic planning services</li> <li>• Worked closely with PDA pioneering companies in the development of HW &amp; SW</li> </ul>		
<b>Proxim Inc., Mountain View, CA.</b>	<b>Co-founder &amp; Director of Hardware/Firmware Engineering (Start-up)</b>	<b>2/85 to 6/88</b>
<ul style="list-style-type: none"> <li>• Co-founded Proxim to develop and manufacture the first RF WLAN Bar code and RFID Tag Systems</li> <li>• Co-authored a Proposal resulting in the award of a five million dollar contract for this ADC system focused on RFID pallet tracking and location</li> <li>• Planned and administered budgets and provided the System Design for the WLAN System</li> <li>• Managed the Digital, Diagnostics, Embedded, Firmware, Mechanical, RF and Industrial Design groups</li> <li>• High Level HW/SW Architecture for the wired and wireless LANs supporting ADC Bar code and RFID systems.</li> <li>• Developed 900 MHz RF power management subsystem and ASIC design for RFID and Access points.</li> <li>• Developed a 3 lb. hand-held PC DOS, Wireless access points, Industrial PC and RFID Tags</li> </ul>		
<b>Teletouch Systems Inc., Cupertino, CA.</b>	<b>Co-founder</b>	<b>6/82 to 1/85</b>
<ul style="list-style-type: none"> <li>• Co-founded an organization to develop and manufacture productivity tools for small business and schools.</li> <li>• Designed a low cost educational LAN for the Apple II family and Tandy color computer.</li> <li>• Wrote the Business Plan to achieve a 50 million dollar organization.</li> <li>• Hardware and Software Architect</li> <li>• Proto-typed the design of a personal Telecommunications Voice Messaging system for small business and personal uses.</li> </ul>		
<b>Apple Computer., Cupertino, CA.</b>	<b>Corporate Head of Computer Networking</b>	<b>11/78 to 1/82</b>
<ul style="list-style-type: none"> <li>• Led and Managed the HW Design, Architecture and Development for a CSMA/CD Applenet LAN</li> <li>• Designed and managed standalone server architectures leading to the Laser Print Server concepts</li> <li>• Designed/Managed Embedded SW Architecture of a 1 Mb/sec CSMA/CD LAN</li> <li>• Team Project Technical Leader for the Lisa Computer and Applenet programs</li> <li>• Managed and developed the LISA multi-disciplined engineering development</li> <li>• Implemented the Apple Language card used to extend the protected memory of the Apple II computer</li> <li>• Key contributor to Architectural committees</li> </ul>		

## Education

9/71 to 6/73 Napa College ASEE (GPA 4.0)  
9/73 to 3/75 University of California, Davis BSEE (GPA 3.2) Control Systems and Computer Science  
9/75 to 6/76 Stanford University Masters Work Electrical Engineering  
Private Pilot SEL 1982  
US Citizen

## Additional Skills and Awards:

Designed and Implemented: Web Sites: <http://www.debra4homes.com>, <http://www.auctionessentials4u.com> & <http://www.ipages4u.com> plus Internal research development Intranet for several companies.

US Patents Held 6,259,044 Electronic device with tactile keypad-overlay, 6,243,258 Hand held user computer interface, 6,234,393 Finger point bar code input device, 6,204,632 Apparatus for charging multiple batteries, 5,818,027 Control circuit for a bar code scanner, 6,294,997 RFID tag having timing and environment modules.