

Michael Moore

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Position Desired: Senior software engineer in an R & D group

Summary: Experienced technical programmer and innovative problem-solver

General: Self motivated, independent worker; Excellent communication skills; Extensive hard-science and Electrical Engineering knowledge; hardware friendly

Wide Experience: Cryptography; Embedded Development; Medical Firmware, Logic Design; socket / TCP / IP Programming; Image Processing; Medical Imaging; Factory automation software; CAD Tools; Net & Web Administrator; RAID; Distributed systems; GUI design; Algorithm development;

Languages: C; C++; Java; TCL; Verilog; shell scripting; IXA microcoding, assembly, Microchip PIC 16F CCS, GNU, MSVC

OS: Windows; Unix; proprietary RTOS; uC/OS II Real Time Embedded Operating System

Net/Web Programming: TCP, UDP, IP, Ethereal protocol analyzer; CGI; Java; Custom Servers; socket programming; HTML

Patents Granted: Two (IDT) describing how to speed routers' search of wide IPv6 addresses by combining fast hardware hashing with narrower Content-Addressable Memory (CAM), and how this can be applied to URLs to accelerate e.g. web servers. One (Toshiba) on secure document transmission.

Experience

2007-2009 ABC Inc., Any Town, NY

Software Engineer

- Implemented & tested a new SDK with 6 engineers. Authored the SDK document.
- Implemented & tested SDK support for Mac OS X 4 byte Unicode.
- Enhanced and completed an iPhone 2 application.
- Designed iPhone in-game purchase software with other engineers. Implemented iPhone client application for 3rd party integration.
- Reviewed and documented current software release process, and proposed areas of improvement.
- Designed new lab environment for automated builds & testing on multi platform.

2005-2007 XYZ Corp., Any Town, NY

Senior Software Engineer

- Real-time programming.
- UML modeling using Rhapsody in C++
- Evaluated GUI frameworks (PEG, Qt-Embedded, etc) for use with touch screen driven user interface.
- Multi-threaded environment using sockets for message passing and IPC.
- Wrote touch-screen driver including calibration routines.
- Wrote register level device driver code.
- Team lead for a group of engineers
- Integrated software and hardware subsystems of prototype device.
- Write requirements and design documentation to satisfy requirements from Marketing.
- Assist in development of software schedule.
- Mentor and supervise junior team members.

2004-2005 BCD Inc., Any Town, NY

Senior Staff Application Software Engineer

- Architect, design and develop new functionality. Develop coding standards and guidelines for software development. Refactor existing software to improve maintainability and migrate to current technology.
- NET 2.0, NET 3.0, C#, C++, WinForms, WPF, Infragistics 2008, P/Invoke, COM Interop, XML, XML Web Services, SOA, Performance Analysis & Mediation, UI Design, SVN, Agile and data driven development, design patterns. Microsoft Office SharePoint Services.

Education

1996-2002 New York University

Master of Science, Information & Computer Science

1992-1996 New York University

Bachelor of Science, Electrical Engineering & Computer Science

JeffTheCareerCoach.com