

I've removed my contact information due to abuse. Please email me! I'm currently located in Austin, TX.

# Michael C. Hollinger

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**OBJECTIVE** Full-time position in device-level / embedded software, and / or digital convergence hardware and software. Very interested in consumer electronics and multimedia applications. Interest in leadership opportunities.

**EDUCATION** University of Oklahoma, Norman OK – Accel. M.S. Electrical Engr. / Computer Engr.

- 08 / 04 – 05 / 05
- Thesis Defended: *Server-Side Software For Multimodal User Interactions*
  - May, 2005 Graduation (M.S. Electrical and Computer Engineering)
  - 3.5 / 4.0 GPA with Thesis Option

08 / 00 – 05 / 04 University of Oklahoma, Norman, OK – B.S. Computer Engineering

- Summa Cum Laude, 3.8 / 4.0 GPA, including 16 hours honors credit
- **Applicable Courses:** Engineering Leadership / Org. Management, Computer Architecture, Computer Hardware Design, Data Structures, E.E. Labs & Design Lab, Microprocessor Design, Signals and Systems, Robotics, Reconfigurable Computing, A.I.

**HONORS / ACTIVITIES**

- 15 Patents Filed with the USPTO
- Leadership Team, IBM Austin Emerging Technology & Business Innovation Board
- 2004-05 Co-Chair IEEE OU Tech. Society
- 2003-05 President, Eta Kappa Nu Electrical & Computer Engineering OU Honor Society
- Board-Certified Engineer in Training (2004)
- '04 Outstanding Senior in Computer Engr.
- Tau Beta Pi Engineering Honor Society

**SKILLS**

- Embedded SW Architecture
- C / C++
- Digital Circuit Design
- VHDL
- Bringup of Complex, Integrated Systems
- Renesas H8 & SH4 IDE
- Presentation / Communication Skills
- Java
- SQL, MySQL
- X+V, VoiceXML
- H8, SH4A, and 68HC11 Assembly
- Linux, Windows
- Energy Management SW
- Embedded Linux
- Web Apps / "Web 2.0"

**WORK EXPERIENCE**

06/06 – Current	<b>IBM, Systems &amp; Technology Group, EnergyScale™ Technology</b>	<i>Embedded Systems Developer, Power-Aware Firmware</i>	Austin, TX
<ul style="list-style-type: none"> <li>• Developed firmware to enable various power management technologies on the IBM Power Systems platforms, including the JS22 "POWER6" Blade, Power 520, Power 550, Power 575, and Power 595.</li> <li>• Evangelized energy-efficient technology within the company, and to customers.</li> </ul>			
06/05 – 06/06	<b>IBM, Systems &amp; Technology Group, Job Rotation Program</b>	<i>Bringup Engineer, POWER6 Servers; Embedded Systems Coding</i>	Austin, TX
<ul style="list-style-type: none"> <li>• First power-on of POWER6-based System p 570 systems, focusing on integration of system firmware with underlying hardware and the IBM POWER Hypervisor</li> <li>• Identified and debugged a variety of problems in the service processor firmware, system initialization, and system hardware</li> <li>• Worked closely with colleagues from hardware, firmware, hypervisor, and chip design teams to power on a 16-core (32-thread) configuration of this system, the largest currently available model in this range</li> </ul>			
05/04 – 08/04 & 08/04 – 05/05 (co-op)	<b>IBM, Extreme Blue Program Team Outspoken</b>	<i>Customer-Facing Application Creation</i>	Austin, TX
<ul style="list-style-type: none"> <li>• Created prototype solutions that demonstrate to customers and partners the functionality and business advantages of IBM Multimodal Technology with a combined team of technical and business co-ops</li> <li>• Co-Inventor of models for X+V / Multimodal applications leading to seven patent applications filed with the USPTO</li> <li>• Designed market entry strategy for IBM multimodal technology in the cellular space</li> </ul>			
05/03 – 08/03	<b>IBM, eServer Mechanical / Acoustical Vibration Analysis</b>	<i>Web tool / Database Design and Creation</i>	Rochester, MN
<ul style="list-style-type: none"> <li>• Created web application with Perl, PHP, and DB2 for more efficient storage, management, and access to measurement data</li> </ul>			
05/02 – 08/02 & 05/01 – 08/01	<b>IBM IGS Federal, POS ONE Group</b>	<i>Training Tool Design and Creation</i>	Houston, TX
<ul style="list-style-type: none"> <li>• Created and grew a web app with PHP and MySQL for management and tracking of training of the IBM Houston team, allowing management to understand more quickly and easily the knowledge / training level of the POS ONE team.</li> </ul>			