

**John (Jack) Miller**  
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## Education

**Missouri University of Science and Technology**  
Degree in Computer Science (Major GPA: 3.41)

**Rolla, MO**  
May 2008

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## Work History

**Linux Programmer**  
IBM Linux Technology Center

**Austin, TX**  
June 2008 - Present

- SDK integration for next generation chip SDK.

**Cell SDK Intern**  
IBM

**Austin, TX**  
May 2007 - August 2007

- Developed GCC software cache for Cell SPU.
- Implemented DejaGNU test-case for cache.
- Wrote SDK sample code for inclusion in 3.0 release.

**Extreme Blue Intern**  
IBM

**Austin, TX**  
May 2006 - August 2006

- Determined team's path for summer.
- Developed kernel level debugging suite.
- Presented business and technical case to IBM top executives.

**Operating System Developer**  
Lead Developer

September 2003 - May 2006

- Developed custom, non-POSIX, multitasking kernel.
  - Managed small group of open source volunteers.
  - <http://sourceforge.net/projects/viridis>
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## Skills

**Languages:** X86/PPC64/SPU assembly, C, Python, Lisp, C++, Perl, L<sup>A</sup>T<sub>E</sub>X, Bash scripting, PHP, SQL, (X)HTML

**Operating Systems:** Linux, FreeBSD, OpenBSD, NetBSD

**Applications:** Ncurses, Expat, Loudmouth, GTK, Qt, Apache, Xorg, Exim, SpamAssassin, MySQL, PHP, mod\_python, GMP

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## Membership and Offices

- **President**, ACM, University of Missouri Chapter May 2006 - May 2007
- **Founder, Co-chair** ACM SIG - GNU Linux/Unix August 2005 - May 2006
- **Founder, Chair** ACM SIG - Operating Systems August 2004 - May 2005