

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

Work History

Linux Programmer
IBM Linux Technology Center

Austin, TX
June 2008 - Present

- Linux kernel development for next generation chip.
- 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.

Open Source Contributor

- Wrote Canto, a feedparser based ncurses RSS/Atom reader written in Python and C and available in a number of major Linux distributions.
 - Developed Pystl, a 100 line git-enabled Python prototype blog system
 - Contributed an extension to python-markdown 2.0+
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Skills

Languages:

- Mastered: x86/ppc64/SPU assembly, C, Python, PCRE, Shell (bash/zsh)
- Learned: Perl, Lisp, Haskell, PHP, SQL, C++, Lua, (E)BNF, L^AT_EX

Libraries: ncurses, expat, loudmouth, GTK, Qt, mod_python, GMP, Python extension interface (from C), KProbes, 2.6.30+ kernel static tracepoints

Tools: GCC, Git, CVS/SVN, vim, GDB, bison/yacc, flex, distcc, xmon, kgdb