

# Kevin Riggle

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- OBJECTIVE** *A full-time sales engineering position working with and on computer systems software starting in June of 2010.*
- EDUCATION** **Massachusetts Institute of Technology**, Cambridge, MA  
*Currently enrolled; expected graduation June 2010*
- WORK EXPERIENCE** **StreamBase Systems, Inc.**, Lexington, MA  
*F/T June 2008 - August 2009*  
Worked as a Software Engineer in the Runtime group, developing features and fixing bugs in the core of the product (a compiler and runtime environment). Collaborated with UI designers to provide features which met customer needs. Helped add a list datatype to the language, the runtime, and the C++ client API. Designed and implemented a Python client API based off SWIG.
- Best Practical Solutions, LLC**, Somerville, MA  
*F/T May 2005 - August 2005, May 2006 - August 2006*  
Wrote, tested, and documented extensions to Request Tracker (RT) to the specifications of Best Practical's corporate customers. Wrote patches for Best Practical's other Web services, Hiveminder and Doxory, which are both based on the Jifty Web framework.
- MIT Athena Consulting (OLC)**, Cambridge, MA  
*P/T January 2005 - May 2005, September 2005 - December 2005, February 2010 - May 2010*  
Provided support for users of MIT's Linux- and Solaris-based Athena computing environment; gained familiarity with the Kerberos authentication system and the AFS network file system.
- RELEVANT COURSE-WORK** **Distributed Systems (6.824)**, *currently enrolled*  
Abstractions and implementation techniques for engineering distributed systems, with lab work implementing a distributed filesystem.
- Operating System Engineering (6.828)**, *Fall 2007*  
Designing and implementing operating systems, with a focus on UNIX-like operating systems. Lab work implementing JOS, an exo-kernel, on x86.
- Computer System Engineering (6.033)**, *Spring 2007*  
Understanding the engineering of computer hardware and software systems through case studies, with two design projects and extensive written communication exercises.
- SKILLS** **Environments:** Linux, UNIX, Mac OS X, and Windows.  
**Programming Languages:** Java, Python, C++, C, Perl, Scheme, 8051 Assembly, x86 Assembly, Matlab, POV-Ray.  
**Programming Tools:** Eclipse, JUnit, vim, Subversion, Git, GNU Emacs, SWIG.
- LEADERSHIP EXPERIENCE** **MIT Science Fiction Society**, *Spring 2004 - Present*  
President and Skinner, head librarian for a 60,000 volume collection, the largest of its kind in the world, from May 2006 to May 2008. Assistant Libcomm thereafter.
- Chorallaries of MIT**, *Fall 2004 - Spring 2007*  
*A cappella* group; Marketing and Fundraising Manager