

A. CHRISTINE SPANG

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Education

- **Massachusetts Institute of Technology**—Cambridge, MA
Course 6-3, Computer Science, class of 2010
 - Relevant advanced coursework: *Operating Systems Engineering, Design and Analysis of Algorithms, Computer and Network Security, Large-Scale Symbolic Systems, User Interface Design and Implementation, Computer Systems Engineering, Artificial Intelligence*

Experience

- **Ksplice, Inc.**—Cambridge, MA
Software Engineer: June 2010–Present
 - Systems engineering, integration work, startup jack-of-all-trades.
- **Ksplice, Inc.**—Cambridge, MA
Software Engineering Intern: January 2010–June 2010
 - Designed and implemented a Perl application that communicates with a QuickBooks Web Connector instance to transfer revenue and cash flow data into QuickBooks.
 - Designed and implemented an automatic billing feature for a Django-based web application.
- **Debian GNU/Linux**—n/a
Official Volunteer Developer: March 2007–Present
 - Creating and maintaining Debian packages.
 - Triaging bugs and writing documentation.
- **Best Practical Solutions, LLC**—Somerville, MA
Software Intern: May 2008–June 2010
 - Wrote API docs for and improved Prophet, a peer-to-peer replicated, disconnected database.
 - Implemented features and wrote documentation for SD, a distributed bug tracker built on top of Prophet.
 - Wrote API docs for and improved Shipwright, a tool for distributing software in a bundle.
- **MIT Information Services & Technology**—Cambridge, MA
Athena Consultant / Residential Computing Consultant: October, 2006–May 2008
 - Served as technical support for Athena, MIT's UNIX-based campus-wide academic computing facility.
 - Aided other students with networking problems in residential facilities.
 - Gave training presentations on networking and computing topics.

Skills

- **Operating Systems:** Proficient with Debian GNU/Linux; familiar with Ubuntu, RHEL
- **Programming Languages:** Proficient in Python, Perl, Java, Scheme, C; familiar with SQL, x86 assembly, JavaScript, POSIX shell
- **Markup Languages:** Proficient in HTML; familiar with L^AT_EX, CSS, XML, Markdown
- **Tools and Systems:** Proficient with Debian packaging tools, vim, git, standard UNIX tools, Django; familiar with Apache, Lighttpd, gdb, GNU Emacs, GNU Make, Subversion, GNU Autotools