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# Mason Tang

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Cambridge, MA 02139

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(508) 414-5811

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## EDUCATION

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**Massachusetts Institute of Technology**  
Cambridge, MA

*M.Eng. Computer Science and Engineering, June 2011*

**Massachusetts Institute of Technology**  
Cambridge, MA

*S.B. Computer Science and Engineering, June 2010*

GPA: 4.9 / 5.0, Major GPA: 5.0 / 5.0

**Worcester Polytechnic Institute**  
Worcester, MA

*Assorted Classes in Computer Science*

GPA: 4.0 / 4.0

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## PROFESSIONAL EXPERIENCE

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**Amazon.com**

*June 2009 – August 2009*

*Software Development Engineer Intern*

Mobile

- Worked on the Kindle Cross Platform Mobile team
- One of the primary developers on an upcoming Kindle application for a mobile device platform

**Amazon.com**

*June 2008 – August 2008*

*Software Development Engineer Intern*

Java, Perl, SOAP

- Worked on internal distributed monitoring software for proprietary software and services
- Refactored and improved the performance of the existing monitoring service stack

**IBM**

*January 2008 – March 2008*

*Software Developer Co-op*

Javascript, AJAX, Java, Spring, Hadoop

- Worked on the Spectacular! feed reader, an AJAX-driven web application for reading feeds aggregated by a large distributed feed crawler driven by Hadoop
- Developed client-side web applications with jQuery and RESTful data APIs for internal developer use
- Wrote Hadoop jobs for generating interesting and novel metrics from corpus of crawled feed data

**MIT Computer Science and Artificial Intelligence Laboratory**

*March 2007 – September 2007*

*Undergraduate Research Opportunity*

Javascript, AJAX

- Won the Microsoft Research iCampus Technology Innovation Student Prize for work on the Javascript-powered Course Picker (<http://picker.mit.edu>)
- Code contributor for Exhibit, a lightweight structured data publishing framework
- Primary developer for Timegrid, a semantic Javascript-powered date/event visualization tool

**Checkerboard Ltd.**

*July 2005 – August 2006*

*Part-Time Software Engineer*

Java, Spring, JSP, AJAX

- Assisted with internal helpdesk calls and server management
- Researched and developed a solution for monitoring FreeBSD Tomcat servers in a CARP cluster
- Tested and led the migration from CVS to Subversion version control
- Developed a Spring-aware AJAX tag library for JSP pages used in a new order entry system
- Developed and deployed a comment report generator for processing checked in source code

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## EXTRACURRICULARS

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- Webmaster for Conner 2 (floor), Burton-Conner (dorm), and MIT DanceTroupe
- President of MIT Imobilare (breakdance crew)
- Director of the Harmonic Series (co-ed a cappella group)

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## SKILLS

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- **Java** — large-scale service-oriented architectures, Spring, Hibernate, JDBC, JSP, Hadoop, Ant, JUnit
- **Python** — general purpose scripting, Django web development
- **SQL** — querying and management, schema design and normalization
- **Web** — standards-compliant XHTML and CSS, client-side and server-side AJAX, Javascript, jQuery
- **UNIX/Linux** — administrating FreeBSD and Linux servers, configuring Apache and Tomcat
- **Perl** — general purpose scripting, web development with CGI, DBI, regular expressions
- **Ruby** — general purpose scripting, Rails web development
- **Tools** — Eclipse, vim, Emacs, Firebug, L<sup>A</sup>T<sub>E</sub>X
- **Other** — Scheme, XSLT, XPath, agile programming practices (XP, Scrum)