

## SHARON W. TAM

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<b>Education</b>	<b>Massachusetts Institute of Technology</b> Bachelor of Science in Computer Science and Engineering, June 2010. Masters of Engineering in Electrical Engineering and Computer Science, June 2011. GPA: 4.8/5.0. <u>Honor Societies:</u> Tau Beta Pi, Eta Kappa Nu	Cambridge, MA
<b>Experience</b>	<b>MIT Media Lab</b> <i>Research Assistant</i> <ul style="list-style-type: none"><li>Designing and developing drug addiction therapy Android application</li><li>Developed J2ME Bluetooth applications for participatory sensing in which collected data is mapped on a webpage with the data displayed at the corresponding GPS coordinates.</li></ul>	10/08 – Present Cambridge, MA
	<b>IBM</b> <i>WebSphere Systems Management Co-op</i> <ul style="list-style-type: none"><li>Worked on a team to design, develop, and deploy onto WebSphere Application Server a sample J2EE application that incorporates the JPA and EJB 3.0 programming models.</li><li>Wrote sections of an IBM Redbook for developers to get started configuring, developing, and deploying applications onto WebSphere Application Server.</li></ul>	06/10-08/10 Austin, TX
	<b>Qualcomm</b> <i>Software Engineering Intern, Corporate R&amp;D</i> <ul style="list-style-type: none"><li>Developed an automated testing system in C/C++ using gSOAP client-server architecture.</li><li>Developed a user-friendly PHP web interface for the testing system so that tests can be executed remotely via the webpage and results e-mailed back to the designated recipients as an attachment.</li></ul>	5/09 – 7/09 San Diego, CA
	<b>MIT Adaptive Technology for Information and Computing (ATIC) Lab</b> <i>Computer Consultant</i> <ul style="list-style-type: none"><li>Assisted student, faculty, and staff users with questions concerning adaptive software and hardware.</li><li>Researched and tested access solutions, such as voice recognition software, adaptive keyboards and mice, for users with disabilities.</li></ul>	9/06 – 5/09 Cambridge, MA
	<b>Qualcomm</b> <i>Software Engineering Intern, Corporate R&amp;D</i> <ul style="list-style-type: none"><li>Designed desktop and mobile-phone UI for PhotoShare and MusicShare applications to demonstrate the capabilities of a heterogeneous mobile area network that enables peer-to-peer communications for various devices including projectors and speakers.</li><li>Developed PhotoShare and MusicShare for desktops with enhanced user-friendly functionalities, including drag-and-drop actions and dynamic selection of photos and music.</li></ul>	6/08 – 8/08 San Diego, CA
	<b>Bank of America</b> <i>Strategic Risk Analyst Intern, Strategic Risk Division</i> <ul style="list-style-type: none"><li>Developed a web crawler to extract specific quantitative data from the internet as requested by the company to assist the projects researching on better understanding the needs of the company and customers under different environment.</li><li>Researched the methodology to evaluate and analyze data based on the goal of the project.</li></ul>	1/08 – 2/08 Boston, MA
	<b>Goldman Sachs</b> <i>Technology Analyst Intern, Technology Division</i> <ul style="list-style-type: none"><li>Designed, tested, and developed a redundancy system for the Crisis Management Portal.</li><li>Created a database to store information related to Crisis Incidents.</li><li>Developed web user-interface capable of viewing database information as well as publishing and posting crisis incidents to and from regular browsers and BlackBerry browsers using JSF.</li></ul>	6/07 – 8/07 Jersey City, NJ
<b>Skills</b>	<b>Programming Languages:</b> Java, Python, Scheme, PHP, XML, HTML, CSS, SQL, C <b>Tools and Systems:</b> gSOAP, DB2, JSF, Eclipse, MS Visual Studio, MS Office	
<b>Leadership</b>	<b>Eta Kappa Nu</b> <i>Co-chair for Underground Guide</i> Organize committee to help compile and maintain the Underground Guide, a website that provides a summary of student opinions of MIT EECS classes, which provides a helpful guideline for students picking classes	9/09 – present Cambridge, MA
	<b>Families Accessing Computer Technologies Program (FACT)</b> <i>Volunteer Instructor</i> Taught members of underprivileged families how to operate and apply basic computer functions.	2/07 – 11/09 Cambridge, MA
	<b>Asian American Cultural Center</b> <i>Instructor for Senior Citizenship Class</i> Developed and prepared instructional materials, and taught seniors with limited English abilities to take the Citizenship Exam. All of my students who took the exam passed.	8/05 – 8/06 Austin, TX

