

<b>Objective</b>	A summer position that utilizes my past programming experience for the benefit of the organization.	
<b>Skills</b>	Proficient in Java, Perl, Scheme, Python, SQL, HTML, CSS. Familiar with C++, Flash, JavaScript, MATLAB.	
<b>Education</b>	<b>Massachusetts Institute of Technology</b>	Cambridge, MA
	<ul style="list-style-type: none"><li>• Candidate for Bachelor of Science in Computer Science, June 2009.</li><li>• Completed courses include: Circuits &amp; Electronics, Probabilistic Systems Analysis, Math for Computer Science, Linear Algebra, Structure &amp; Interpretation of Computer Programs, and Intro to Technical Communication.</li><li>• Fall 2007 courses include: Intro to Algorithms, Artificial Intelligence, and Introductory Biology. <b>GPA: 4.0/5.0</b></li></ul>	
	<b>The Winsor School</b>	Boston, MA
<b>Relevant Experience</b>	<b>MIT Affective Computing Laboratory</b>	Cambridge, MA
	<i>Undergraduate Researcher</i>	September 2007 – Present
	<ul style="list-style-type: none"><li>• Design and code interactive, intuitive user interface in Processing (graphics-oriented, JAVA-based language) for illustration of emotion state change given camera-comprehensible facial affect information; system intended for use in clinical settings with autistic children.</li></ul>	
	<b>Winsor School</b>	Boston, MA
	<i>Programming Teacher</i>	September 2007 – Present
	<ul style="list-style-type: none"><li>• Teach Processing (JAVA-based language from MIT) to 5<sup>th</sup>- and 6<sup>th</sup>-grade girls in afterschool program.</li><li>• Write and update curriculum, give weekly lectures, organize assistant teaching staff, and maintain course website: <a href="http://web.mit.edu/mish/www/processing">web.mit.edu/mish/www/processing</a>.</li></ul>	
	<b>IBM Haifa Research Labs</b>	Haifa, Israel
	<i>Collaboration Technologies Intern</i>	June 2007 – August 2007
	<ul style="list-style-type: none"><li>• Worked with team members to create innovative Web 2.0-style plugin for IBM internal chat client to facilitate semi-persistent group communication about user queries.</li><li>• Designed and created user interface for Java plugin; emphasized usability &amp; efficiency for improved user experience and augmented internal adoption levels.</li></ul>	
	<b>MIT Voting Technology Project</b>	Cambridge, MA
	<i>Undergraduate Researcher</i>	October 2006 – May 2007
	<ul style="list-style-type: none"><li>• Improved touch-screen ballot design using JAVA to enhance the quality of electronic voting for voters; created mock-ups of actual ballots using Flash for tests of whether undervoting is caused by poor ballot design.</li><li>• Collaborated with a team to use human interaction research results for making voting more intuitive by incorporating feedback from experiments to improve ballot quality and usability.</li></ul>	
	<b>ChoiceStream Domain Development Team</b>	Cambridge, MA
	<i>Science Intern</i>	June 2006 – March 2007
	<ul style="list-style-type: none"><li>• Compiled initial information on client databases using SQL and incorporated this information into a data-viewing application utilizing sets of data associated with given client-to-customer solicitations; collected product hierarchy information to help create internal taxonomy for dealing with new customer data.</li></ul>	
	<b>MIT Speech and Communications Laboratory</b>	Cambridge, MA
	<i>Undergraduate Researcher</i>	January 2006 – May 2006
	<ul style="list-style-type: none"><li>• Created website for Independent Activities Period linguistics course for a course on ToBI, a speech transcription system focusing on Tones and Break Indices. (<a href="http://anita.simmons.edu/~tobi">http://anita.simmons.edu/~tobi</a>)</li><li>• Analyzed hand-labeled speech using Perl, then wrote programs designed to combine and generate speech labels.</li></ul>	
<b>Additional Experience</b>	<b>University of Virginia, Department of Neurology</b>	Charlottesville, VA
	<i>Laboratory Assistant</i>	June 2005 – August 2005
	<ul style="list-style-type: none"><li>• Dyed rat brain synapses with fluorescent primary and secondary antibodies as part of an experiment to show how GABA-A receptor neuronal activity differs between control and epileptic rat hippocampi.</li><li>• Photographed and analyzed rat neurons using digital microscope cameras to show that immunoreactivity in epileptic rat brains is decreased, with implications for the study of human status epilepticus.</li></ul>	
<b>Activities/Leadership</b>	Bellringers' Guild, Tower Captain ('05–present); EECS dorm representative ('07–present); Techiya a cappella ('07– present).	