

# Tiffany Jin

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Education	<b>Massachusetts Institute of Technology</b> Cambridge, MA <i>Candidate for Bachelor of Science in Mechanical Engineering and Minor in Biomedical Engineering, June 2011.</i> <b>GPA 4.6/5.0</b> Relevant Coursework: Product Engineering Processes, Thermal-Fluids Engineering I/II, Mechanics & Materials I/II, Dynamics & Control I/II, Design & Manufacturing I/II, Measurement & Instrumentation, Management in Engineering, Computational Neuroscience, Mechanisms of Drug Actions, Biochemistry, Organic Chemistry I
	<b>West Windsor-Plainsboro High School North</b> Plainsboro, NJ <i>Valedictorian, class of 345, June 2007.</i> SAT I: 800M, 770V, 770W SAT II: 800 Chemistry, 800 Math IIC, 790 Physics, 780 Biology <b>GPA 4.8/4.0 Unweighted 4.0/4.0</b>
	<b>Experience</b>
	<b>Hewlett-Packard</b> (May 2010–August 2010) Boise, ID <i>Intern, Supplies R&amp;D</i> <ul style="list-style-type: none"><li>• Characterized solid-area density of printing during the life of print cartridges.</li><li>• Tested and analyzed EP voltages and OPC temperatures for a possible relationship with low-density printing, in order to improve future iterations of printing solutions.</li></ul>
	<b>Harvard-MIT Health Sciences &amp; Technology</b> (June 2009–August 2009) Boston, MA <i>Researcher</i> <ul style="list-style-type: none"><li>• Designed and fabricated two microscopes using optical coherence tomography technology to visualize vascularization in both mice and humans.</li><li>• Successfully demonstrated project <i>in vivo</i>, allowing for skin flap transplant clinical trials to begin.</li></ul>
	<b>MIT Dept. of Materials Science</b> (September 2008–May 2009) Cambridge, MA <i>Researcher</i> <ul style="list-style-type: none"><li>• Evaluated the potential usage of an implantable metabolic sensor in mice.</li><li>• Utilized NMR technologies to conduct research in a laboratory environment.</li></ul>
	<b>Johnson &amp; Johnson</b> (June 2008–August 2008) Raritan, NJ <i>Intern, WISE Web Services</i> <ul style="list-style-type: none"><li>• Performed server consolidations and process gap analyses of site migrations from EU to NA environments</li></ul>
Leadership	<b>Women's Volleyball Club</b> (2007–Present) Cambridge, MA <i>President 2008–Present</i> <ul style="list-style-type: none"><li>• Organized logistics and competed in over forty tournaments in the New England area.</li></ul>
	<b>Science Olympiad</b> (1999–2007) Plainsboro, NJ <i>Captain 2005–2007</i> <ul style="list-style-type: none"><li>• Earned a National gold medal in a Science Olympiad Chemistry event.</li><li>• Ranked #1 in the state of New Jersey for four years in an Astronomy event.</li><li>• Collected 27 medals at the regional, state, and national level.</li></ul>
Activities	Simmons Hall Secretary (2010–Present), MIT Intramural Sports (2007–Present), Biomatrix (2009–Present), Simmons Hall Desk (2009–Present), Undergraduate Practice Opportunities Program (2008–2009), McCormick Hall Social Chair (2007–2008), Freshmen/Alumni Summer Internship Program (2007–2009)
Skills	MATlab/Simulink, SolidWorks, Mathcad, Maple, Java, MS Office, Windows & Macintosh Operating Systems