

Education	<p>Massachusetts Institute of Technology (M.I.T) Cambridge, MA Candidate for SB in Mech. Eng. with conc. in Product Development and minor in Anthropology. June 2008. GPA 4.9/5.0</p> <p>Relevant Courses: Product Design, Human Factors Engineering, Design and Manufacturing I and II, Thermal-Fluids Engineering I and II, Controls, Circuits and Electronics, Computational Media Design</p>
Experience	<p>Cooper Perkins Technology Development Firm, Product Designer Burlington, MA January 2008</p> <ul style="list-style-type: none"> • Worked on many facets of project including dynamic and structural analysis, creating parts in machine shop, building circuits for product testing, running sound level tests, and solid modeling. <p>Apple Corporation, iMacs Product Design, Product Designer Cupertino, CA June 2007 – August 2007</p> <ul style="list-style-type: none"> • Designed a testing fixture that will be used to calibrate iMac hinges at assembly sites. • Worked closely with Model Shop, Industrial Design and Electrical Engineering departments. <p>Physical Language Workshop, MIT Media Lab Cambridge, MA Product Designer under John Maeda October 2004 – May 2007</p> <ul style="list-style-type: none"> • Designed a system to create online communities among users of a particular brand of kitchen. Did market testing and data analysis to determine feasibility of idea. Presented results to companies in Tokyo and LA. • Prototyped user interfaces for electronic books incorporating flexible LCD displays • Spearheaded project with AARP to create a clock that is accessible to mature users. Involved phases of market research prior to prototyping.
Leadership	<p>Dorm Executive, East Campus Dormitory Cambridge, MA Vice president, February 2006 - February 2008 Elected by majority of 350-person dorm. Assign rooms to all incoming residents and collaborate with housemasters, house manager, and Department of Undergraduate Housing. Treasurer, February 2005- February 2006 Responsible for allocating and tracking \$60,000 annual dorm budget.</p> <p>Dormitory Council Executive, M.I.T Cambridge, MA Vice President May 2006-May 2007 Represented undergraduate population in regular meetings with high-level MIT administrators. Secretary, May 2005- May 2006</p> <p>Team Consultant, Rube Goldberg Competition Cambridge, MA Spring 2006 Advised teams of middle school students during design and construction of Rube Goldberg machines.</p> <p>Undergraduate Advisor for Design and Manufacturing I (2.007 Competition) Cambridge, MA Spring 2007 Guided students through process of designing and building a remote-controlled competition robot.</p> <p>Tutor for Circuits and Electronics Cambridge, MA October 2007 – current</p>
Honors/Awards	<ul style="list-style-type: none"> • MIT 2.007 Competition, robot in top 10% of 160 participants • Member of Pi Tau Sigma and Tau Beta Pi engineering honors societies
Skills	<ul style="list-style-type: none"> • Familiar with basic programming concepts; know Matlab, Scheme, Excel, Flash, HTML, Mathcad • Machine Shop trained; know SolidWorks, Unigraphics, Mastercam • French proficiency