

Danielle M. DeLatte

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Objective	To obtain a summer internship in the field of astronautics and/or robotics	
Education	Massachusetts Institute of Technology Candidate for B.S. in Aerospace Engineering, with a minor in Applied International Studies GPA: 4.2/5.0 Relevant Coursework: Differential Equations, Mechanics, Electricity and Magnetism, Solid-State Chemistry, Fluids, Thermodynamics, Systems & Signals, Structures & Mechanics, Probabilistic Systems Analysis & Applied Probability, Dynamics, Principles of Automatic Control, Principles of Autonomy & Decision Making, Human Factors Engineering, Engineering Leadership Lab	Cambridge, MA 2011
Experience	MIT MOBILITY LAB (Summer 2008-present) Assistant Researcher, Webmaster <ul style="list-style-type: none">Design a wheelchair for use in developing nations: the "Leveraged Freedom Chair"Traveled to Kenya to develop trials of the current prototype and work closely with local workshops and peoplePresented at the Center for Biomedical Innovation poster sessionPublications: contributed to lab papers, published by ASME, more information available upon requestPatent Pending for Leveraged Freedom Chair:<ul style="list-style-type: none">Winter V, A.G., et al. "The Leveraged Freedom Chair: a Low-Cost, Globally-Manufacturable, Variable-Speed Mobility Aid Designed for Use on Varied Terrain in Developing and Developed Countries." Being filed through Steptoe & Johnson LLP, Washington D.C.	Cambridge, MA Nairobi, Kenya
	MIT 6.470 WEB PROGRAMMING COMPETITION (January 2009) Web Programmer <ul style="list-style-type: none">Used PHP, SQL, HTML, and CSS to create a dynamic web page that incorporated user data	Cambridge, MA
	MIT LIGHTER THAN AIR COMPETITION (Spring 2008) Designer & builder for Team Voyager 2 <ul style="list-style-type: none">Worked with a group of four people to design and prototype a blimpTeam Voyager 2 won 1st place in the competition	Cambridge, MA
Leadership	WORLDWIDE MOBILITY, INC (Summer 2009-present) President & CEO <ul style="list-style-type: none">Develop strategy for a donation network between wheelchair workshops abroadTraveled to Tanzania, Uganda, and Kenya to pilot the ideas on the groundWork with lawyers at Ropes & Gray to acquire non-profit/tax exempt status GORDON ENGINEERING LEADERSHIP PROGRAM (Fall 2009-present) Engineering Leader <ul style="list-style-type: none">Attend a series of MIT classes designed to teach skills needed for engineering leadersIncludes opportunities for mentorship and hands-on activities in engineering leadership	Moshi, Tanzania Kampala, Uganda Nairobi, Kenya
	MIT DEPARTMENT OF AERONAUTICS AND ASTRONAUTICS (Fall 2008-2009) Undergraduate Representative to Apollo Outreach Committee for the 40 th Anniversary Celebration <ul style="list-style-type: none">Work to inspire the next generation of astronauts, scientists, and engineers	Boston, MA
	KAPPA ALPHA THETA SORORITY (2009-present) Technology Chair and Webmaster <ul style="list-style-type: none">Use PHP, SQL, HTML, and CSS to maintain, improve, and update the existing website	Cambridge, MA
	CAMP KESEM (Summer 2008) <i>A camp for children whose parent has cancer</i> Unit Leader <ul style="list-style-type: none">Responsible for nine children (age 8-9) and led Cabin Chats, a time for campers to share experiences, thoughts, and feelings about their lives, cancer, and the day	Merrowvista, NH
Skills	<i>Programming & Web Languages:</i> Java, Visual Basic, Joomla, HTML, CSS, PHP <i>Operating Systems:</i> Macintosh, Windows, Ubuntu, Athena <i>Applications:</i> Matlab, Microsoft Office, SketchUp, Coda, Photoshop, InDesign <i>Other:</i> Machining, Mig welding, woodworking, website design, CPR certified	
Activities	Society of Women Engineers, MIT Lightweight Crew, Lecture Series Committee (graphics designer), Freshman Leadership Program, MIT Gospel Choir (Treasurer 2007-2008)	
Awards	ASME Student Mechanism & Robot Design Competition Graduate Mechanism Division First Place Award for "The Leveraged Freedom Chair," GEBA Foundation Scholarship in Community Service, David Shapiro Award, MIT Public Service Center Fellowship, GEBA Foundation Scholarship in Academics, Balanced Man Scholarship Semifinalist	