

Lauren Lo

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478 Commonwealth Ave
Boston, MA 02215

EDUCATION

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| Massachusetts Institute of Technology | 2009-2013 |
| <ul style="list-style-type: none">• Candidate for BS Degree in Mechanical Engineering and focus in Product Development (<i>GPA: 4.1</i>)• <i>Relevant Coursework:</i> Engineering Design, Mechanics and Materials, Dynamics and Control, Thermal-Fluids Engineering, Design & Manufacturing I/II, Marketing Management, Electronics/Circuits, Product Design | |
| Freehold High School | 2005-2009 |
| <ul style="list-style-type: none">• Medical Sciences Specialized Learning Center/Magnet Program (<i>Rank: 7/339, GPA: 4.93/5.0</i>) | |

PROFESSIONAL EXPERIENCE/ RESEARCH

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| Medtronic Summer Software Engineering Associate | May-August 2011 |
| <ul style="list-style-type: none">• Performed verification software testing and helped redesign website interface for CareLink Network, a globally distributed remote monitoring system that connected cardiac device patients to their clinics from home via internet access• Regulated 2 incremental support releases, 1 product development project, and 2 data center moves using data management tools within a team of 50+ national and international partners | |
| Saathi (Komera) Research Contractor | February-August 2011 |
| <ul style="list-style-type: none">• Researched and designed the sanitation, adhesive, and packaging mechanisms for a machine that produces inexpensive sanitary pads composed of banana pulp fiber for women in developing countries• MIT/Tufts 100K Business Plan Finalist 2011; \$5,000 Winner of MIT IDEAS Global Challenge 2009 | |
| Langer Laboratory Research Assistant | June-September 2010 |
| <ul style="list-style-type: none">• Synthesized and characterized 16 new and effective lipid-like nano-particles that have to ability to target/silence cancer genes via siRNA drug delivery; in the process of publishing a paper as second author | |
| Synergistic Antimicrobial Effectiveness of Treatments against <i>Streptococcus mutans</i> | September-June 2008 |
| <ul style="list-style-type: none">• Designed, implemented, and presented a study that combined antibacterial effectiveness of tea tree oil, licorice, raisins, and chlorhexidine against bacteria responsible for dental cavities• Discovered that chlorhexidine's synergistic abilities had the promising antibacterial potential | |

LEADERSHIP EXPERIENCE

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| Society of Women Engineers, Corporate Relations Committee | September 2010-Present |
| <ul style="list-style-type: none">• Assisting companies in building strategic partnerships with MIT in areas such as sponsored research, recruitment, technology transfer, and continuing education• Coordinating Fortune 500 company networking/career fairs as well as career resources for 200+ SWE members | |
| Camp Kesem MIT, Counselor/Activity Planning Committee | August 2011-Present |
| <ul style="list-style-type: none">• Planned leadership-focused and empowerment-based activities and helped fundraise \$48,000 for a 5-day program supporting children of cancer patients | |
| Red Bank YMCA Swimming, Captain | 2008-2009 |
| <ul style="list-style-type: none">• All-American National swimmer, led team of 20 individuals to 5 National Short Course Swimming Championships and 2 National Long Course Swimming Championships, earned 3 Top 16 National YMCA Time Awards and broke 4 team records | |

ACTIVITIES/EXTRACURRICULARS

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| MIT Varsity Swimming & Diving Team | September 2009-Present |
| Alpha Chi Omega, Social/Education Committee, Panhellenic Recruitment Counselor | September 2009-Present |

HONORS/AWARDS

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- Medtronic Customer Focus Core Behavior Award for work done on CareLink Network (2011)
 - CentraState Healthcare Foundation/Medical Sciences Scholarship winner (2009)
 - Outstanding Athlete Scholar Sponsored by Nike and YMCA National Swimming (2009)
 - Edward J. Bloustein Scholar for accomplished students in New Jersey (2009)

SKILLS

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| Language | Spanish: Semi-fluent in speaking skills, reading, and writing |
| Computer | Python, SolidWorks, Executioner, DOORS, SQL |