Kimberly Li

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EDUCATION

Massachusetts Institute of Technology, Cambridge, MA — Expected graduation: June 2012
Candidate for Bachelor of Science in Electrical Engineering & Computer Science
GPA: 4.1/5.0
Relevant Coursework: EECS I, Intro to Digital Electronics, Differential Equations, Multivariable Calculus, Probabilistic Systems Analysis & Applied Probability Electricity & Magnetism, Principles of Microeconomics
Honors: MIT Society of Women Engineers Freshman (Class of 2012) Scholarship

West-Windsor Plainsboro High School South, Princeton Junction, NJ — Graduated June 2008
Salutatorian
GPA: 4.0/4.0 **Weighted GPA**: 4.83
Honors: Semifinalist in the United States Presidential Scholars Program, Robert C. Byrd Honors Scholarship, Nat'l Merit Corporate Scholarship, Edward J. Bloustein Distinguished Scholar Award, Nat'l AP Scholar

WORK & RESEARCH EXPERIENCE

CSN Stores, LLC., Boston, MA — June 2009 – Aug 2009
Technology Intern
- Performed both front-end and back-end production support and software development, focusing on transactional email generation, price match request fulfillment, and language resource fixes.

Affective Computing Group of MIT Media Lab, Cambridge, MA — Feb 2009 – April 2009
Undergraduate Research Opportunities Program (UROP) Participant
- Expanded video labeling web application, which is aimed at teaching children how to recognize emotional cues, in Adobe Flex. Added graphical features to improve user interface and online video retrieval.

Princeton Satellite Systems, Princeton, NJ — Jan 2009
Technical Staff
- Implemented acceleration and gravitational models of missile flight paths for Phase II Interceptor/Target Models of the Missile Defense System using MATLAB.

Princeton Plasma Physics Laboratory, Princeton, NJ — June 2008 – Aug 2008
Research Intern
- Designed a linear array and laser rangefinder system for Micro-Air Vehicle navigation. Completed a written report for the 2008 project proposal with other members of the project team.
- Collected data from linear array for rangefinder system calibration and placement optimization.

Serin Physics Laboratory of Rutgers University, Piscataway, NJ — July 2007 – Sept 2007
Research Intern
- Constructed cosmic ray detectors for high school outreach program funded by QuarkNet. Edited and contributed to a collection of sample experiments and data concerning cosmic rays.
- Coded Monte Carlo events and event cutting in C++ for Root (program simulation of particle collisions).

LEADERSHIP ROLES

MIT Society of Women Engineers, *WiSE Chair* — Oct 2008 – present
- Reestablished Women in Science and Engineering (WiSE) program, which promotes these areas to high school girls by inviting students to on-campus sessions with lectures, lab tours, and discussion panels.
- Pioneered MIT SWE High School Essay Contest for young women interested in engineering and technology.
- Mentored middle school girls in Keys to Empowering Youth program that introduces various fields of science.

MIT Next House Executive Board, *Social Chair* — Oct 2008 – present
- Planned logistics for, advertised, and ran monthly dormitory social events open to over 400 residents.
- Assisted in overseeing Next House's activities for Campus Preview Weekend for prospective students.
- Worked closely with members of the board and wing representatives to address students' issues and concerns.

WWPHSS Science Club, *President* — Sept 2004 – June 2008
Semifinalist in US Physics Team Competition for Int'l Physics Olympiad, Recipient of Delaware Valley Science Council Reuben Shaw Memorial Award, 5th for Physics in Merck State Competition, Recipient of Top 10% Plaques for Physics I, II, & C in NJ Science League Competition

WWPHSS Math Club, *Vice President*, *Treasurer* — Sept 2004 – June 2008
Honor Roll of Distinction in American Mathematics Competition (AMC 12) of Mathematical Assoc. of America

SKILLS: Java; MATLAB; MS SQL; Visual Basic; ASP; HTML; Microsoft Office Suite; Adobe Flex and Photoshop