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Education	Massachusetts Institute of Technology (MIT) (4.3/5.0 GPA) Candidate for Bachelor of Science in Electrical Engineering and Computer Science Relevant courses: Computation Structures, Intro to Algorithms, Mathematics for Computer Scientists, Communicating with Web-Based Media, Intro to Electrical Engineering and Computer Science (EECS).	Cambridge, MA June 2015
	Staples High School High Honors (among top 16) in class of 471; GPA 4.28 Weighted, SAT: 2350	Westport, CT June 2011
Experience	MIT, 6.004: Computation Structures Course <i>Lab Assistant</i> <ul style="list-style-type: none">Guiding students on topics including transistor gates, CMOS circuits, data structures and assembly code.Facilitating computation labs throughout the course.	Cambridge, MA September 2012 – Present
	Moody's Analytics Inc., Enterprise Risk Solutions Group <i>Enterprise Risk Solutions Intern</i> <ul style="list-style-type: none">Performed high level gap analysis on 200+ data properties and optimized SQL databases.Implemented a NoSQL solution for the Moodys.com website.	New York, NY June 2012 – August 2012
	MIT Media Lab, Information Ecology Group <i>Software Intern</i> <ul style="list-style-type: none">Redesigned a machine that uses a Microsoft Kinect in place of an outdated scanner to scan a user's face and carve it in chocolate.	Cambridge, MA Sept 2011 – Jan 2012
	Tanaka Kapec Design Group, Inc. <i>Design Intern</i> <ul style="list-style-type: none">Designed non-invasive surgical instruments that help prevent tissue bonding after internal surgery and hand-held color calibration devices.Created foam, plastic and metal prototypes using machine shop tools like a mill and lathe.	Westport, CT Summer 2011
	Green Village Initiative (GVI) <i>Lead Intern</i> <ul style="list-style-type: none">Coordinated a team of five high school students to design and build a one meter long windmill for \$80 at a local town farm to promote sustainable energy to students and townspeople.	Westport, CT Summer 2011
	MASLAB <i>Sponsors Director, Publicity Director</i> <ul style="list-style-type: none">Organizing company sponsors to fund raw materials and electronics for MIT's autonomous robotics competition.Coordinating advertising posters, fliers, and shirts for MASLAB.	Cambridge, MA January 2012-Present
	Educational Studies Program (ESP) <i>Art Director</i> <ul style="list-style-type: none">Coordinated publicity and recruitment art for six educational programs targeted at middle and high school students.	Cambridge, MA Nov 2011 – May 2012
Leadership	Science Bowl Team <i>Charter Member</i> <ul style="list-style-type: none">Awarded 4th place at Northeast Science Bowl at University of Connecticut.	Westport, CT Fall 2010 – Spring 2011
	Robotics Team <i>Team Captain, Charter Member</i> <ul style="list-style-type: none">Founded and led a five person team to compete in the First Tech Challenge (FTC), an international robotics competition with 1647 teams (2011).Built and programmed an 18 in cubed, autonomous and remote-controlled robot.FTC World Championship 1st (out of 1647 teams, 2011), 2nd (2009), 3rd (2010).	Westport, CT Fall 2008 – Spring 2011
	The Tech, MIT Newspaper <i>Cartoonist</i> , Designing and drawing <i>The Tim</i> , a weekly comic in <i>The Tech</i> .	Cambridge, MA September 2011 – Present
	MITERS (MIT Electronics Research Society) <i>Member</i> , Built the 3 rd largest Wimshurst Machine, a charge generator, in the world.	Cambridge, MA September 2011 – Present
	MASLAB Robotics Competition <i>Competitor</i> , Built and programmed an autonomous robot to collect and score balls, involving image detection, path planning, 3D modeling, and an Arduino.	Cambridge, MA January 2012
Activities & Awards	Rotary International Poster Contest Award <i>Recipient</i> , Awarded to top design of Rotary International's 4-way code of ethic.	Westport, CT Summer 2011
	Moody's Mega Math Challenge <i>Finalist team (2010), Honorable Mention (2011)</i> , An applied mathematics competition with 568 competing teams.	Westport, CT Spring 2010, Spring 2011
	Computer: Python, Javascript, git, HTML, CSS, Linux, 3D CAD, Adobe Photoshop, Adobe Illustrator.	
	Languages: English, Mandarin Chinese.	