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- Education**     **Massachusetts Institute of Technology (Cambridge, MA)**     June 2014 (expected)
- 5.00/5.00 GPA; Candidate for B.S. in Brain and Cognitive Sciences & Management Science
  - Relevant Coursework: Management Communication, Probability and Statistics, Corporate Financial Accounting, Optimization Methods for Management, Behavioral Neuroscience
- Experience**     **MIT Concourse Program (Cambridge, MA)**     September 2011-Present
- Teaching Assistant- Seminar*
- Facilitated discussions that promoted a deeper understanding of the interaction between the humanities and sciences for 60 freshmen students
- S&P Capital IQ (New York, NY)**     June 2011-August 2011
- Business Analyst Intern*
- Designed the GUI and workflow for a customizable risk model builder application
  - Wrote 35 pages of both granular and high-level documentation on the complex production process for the proprietary multifactor Global and US Fundamental Equity Risk Models
  - Conceived a UI for the web platform to visualize employee stock options and warrants tranche data, collaborating with diverse subteams throughout several design iterations
- The Trout Group-MIT Chemical Engineering (Cambridge, MA)**     December 2010-May 2011
- Undergraduate Research Assistant-Commercial Flu Vaccines*
- Designed and performed experiments to investigate the effect of surfactant on commercial flu vaccines
  - Analyzed and compared data from different sources to identify trends and their root causes
  - Utilized dynamic light scattering, fluorescence spectroscopy, and optical microscopy techniques
- MIT Educational Studies Program (Cambridge, MA)**     September 2010-December 2010
- SAT Prep Teacher*
- Planned and taught ten sessions of SAT Verbal classes to sixty students
- Leadership**     **2014 Class Council, Class of 2014 Vice President, Former Co-Social Chair**     September 2010-Present
- Executed unique social events (averaging 2 events/month) for 1070 students within a \$20,000 budget by driving cross-functional alignment among 10 campus organizations and managing cost-effective vendor relationships
  - Created a successful contest-based marketing strategy that resulted in high enthusiasm and a 90% increase in the volume of apparel sales from the previous class, on a team of six
- Society of Women Engineers Planning Board, Off-Campus Outreach Chair**     September 2010-Present
- Pioneered a new committee, Off-Campus Outreach, to bring SWE events to underserved local schools through projects which taught students professional skills and inspired their interest in science
  - Founded a weekly afterschool science program at Mason Pilot Elementary school for 15 schoolchildren
- Student Tutor Academic Resource Service (STARS), Founder and Director**     March 2009- June 2010
- Founded peer tutoring service by writing proposals to the school administration and recruiting tutors
  - Coordinated the logistics for an organization that matched forty students with a team of ten tutors
- SAFE Haven Youth Advisory Board, President**     May 2008- August 2010
- Raised awareness about the youth shelter and represented SAFE Haven to the general community
  - Led meetings and launched projects that led to considerable physical improvements to the shelter
- Awards**     **Academic:** Valedictorian, National Merit Scholar, Presidential Scholar Finalist, Robert C. Byrd Scholar  
**Science:** 1st Place Regional Chemistry Olympiad, 1st Place State Science Olympiad-Food Science, National Winner USA Today/NASA "No Boundaries" STEM career contest  
**Humanities:** State Original Oratory Silver Medalist, Outstanding Delegate-Model OAS at UW-Parkside
- Skills**     **Languages:** Conversational Spanish, Basic Portuguese, Basic Chinese  
**Computer:** Adobe Photoshop, Java, C/C++, MATLAB, HTML, CSS, Microsoft Office  
**Activities and Interests:** Ritual Chair-Sigma Kappa Sorority, Cooking, Graphic Design, Literature