

Calley Murphy

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OBJECTIVE:	To obtain an internship for the summer of 2013 that will enable me to contribute to a corporation while learning new skills and expanding upon my quantitative background.	
EDUCATION:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY , Cambridge, MA <i>Candidate for Bachelor of Science in Mathematics</i> Major in Applied Mathematics and Minors in Economics and Management Science Cumulative GPA: 4.6 Major GPA: 4.7	Class of 2014
	RELEVANT COURSEWORK:	Linear Algebra Applied Probability and Statistics Principles of Macroeconomics and Microeconomics Finance Theory Complex Variables with Applications Introduction to Computer Science and Programming
	SEAHOLM HIGH SCHOOL , Birmingham, MI GPA: 3.9 / 4.0, ACT: 36, SAT: 2250	Class of 2010
WORK EXPERIENCE:	TIM (Trade Ideas Monitor) GROUP , Boston, MA <i>Quantitative Analyst Intern</i> <ul style="list-style-type: none">• Collaborated as a member of the Financial Metrics Team on trading-related quantitative analysis projects• Worked mainly on trade data from the TIM Ideas database, using MySQL and R for data retrieval and analysis, and Microsoft Office for project reports and presentations	Summer 2012
	BLOOMFIELD SURF CLUB , Bloomfield Hills, MI <i>Assistant Swim Coach, Pool Manager, Private Swim Lesson Instructor</i> <ul style="list-style-type: none">• Certified in CPR, First Aid, AED use, and Lifeguarding	Summer 2011
	DEMIDEC , Bloomfield Hills, MI <i>Math Exam Writer</i> <ul style="list-style-type: none">• Wrote math exams for United States Academic Decathlon aimed at teams of gifted high school students	Summer 2011
	THE NOCERA GROUP, MIT Department of Chemistry , Cambridge, MA <i>Undergraduate Research Assistant</i> <ul style="list-style-type: none">• Worked in an MIT lab for the Nocera Group researching electrode kinetics	2010 – 2011
ACTIVITIES:	MIT Varsity Swimming and Diving Team (NCAA Division III) <ul style="list-style-type: none">• 1st team All-Conference• 2011 and 2012 NCAA Scholar All-America Individual Awards• 2011 and 2012 NCAA All-America Honorable Mention Awards• Team record holder	2010 – present
	MIT Women's Club Water Polo Team (CWPA) <ul style="list-style-type: none">• 2010-2011 Team Secretary• 2011-2012 Team Captain	2010 – present
	MIT Undergraduate Practice Opportunities Program (UPOP)	2011 – 2012
	Resident Associate Advisor	2011 – 2012
	Kappa Alpha Theta Sorority	2011 – present
SKILLS:	<i>Computer:</i> Python, Microsoft Office, and R <ul style="list-style-type: none">• <i>beginner-level experience in:</i> LaTeX, SQL, MATLAB, and Java <i>Leadership:</i> Training in Communication, Team-Building, Coaching, and Advising	
INTERESTS:	Rock Climbing, Running, Cooking, and the MIT Outdoors Club	