

Diane Amanti
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Objective: Pursue my deep passion for and attraction to operations research and its applications, as well as consulting.

Academics

Undergraduate College:

Massachusetts Institute of Technology Class of 2013, GPA: 5.0 / 5.0
Double Major: Course 15-Management, Course 14-Economics
Classes: Optimization Methods in Management Science (15.053)
Statistical Consulting (15.068)
Complete transcript and grades attached
Princeton University, (freshman year), GPA: 3.556 /4.0
Classes: Fundamentals of Engineering Statistics (ORF 245)
Algorithms and Data Structures (COS226)
Complete transcript and grades attached

High School

Buckingham, Browne and Nichols School, Cambridge, MA **GPA:** 3.92/4.0
SAT I Score Math/Verbal/Writing: 800/740/720 // 2260 (out of 2400)
SAT II scores: 800 (Literature), 800 (Math II), 790(Physics), 770 (Math I)

Work Experience

E. Amanti & Sons, Inc. Mechanical Contractor, Salem, MA
2006-2011, part time with full time summers
Responsibilities and accomplishments
Manage, enhance and modernize the apprenticeship, payroll and information technology programs greatly improving the efficiency of the payroll protocol and revamping the company website.
Participate in plumbing apprentice program
MIT BLOSSOMS, Cambridge, MA
Summer 2011
Responsibilities and accomplishments
Researched, developed and produced an interactive learning video for high school students on the topic of engineering innovation and entrepreneurship; also aided BLOSSOMS in its outreach and social networking endeavors

Extracurricular

- MIT chapter coordinator -Women in Science and Engineering (WiSE)
- MIT chapter board member -Society of Women Engineers (SWE)
- Co-captain high school boys' Varsity Golf Team
- Engineers Without Borders (EWB –Princeton chapter)
- Nationally ranked junior golfer by Golfweek (94th in 2008)
- Charity fund raising
Raised \$12k for Church via Golf Tournament & \$3k for Hospital via Holiday Raffle

Raised over \$1,000 in both 2010 and 2011 for the CrossFit Fight Gone Bad fundraiser, benefiting wounded soldiers and their families

Certifications

- LEED Green Associate
- Licensed Massachusetts Plumbing Apprentice

College Grades

Princeton University Fall (2008-09 year)

Course	Credits	Grade	Points
CHM 207: Advanced General Chemistry	1.00	A-	3.700
FRS 141: Freshman Seminar on the Mediterranean	1.00	A-	3.700
MAT 203: Advanced Multivariable Calculus	1.00	B+	3.300
PHY 103: General Physics I	1.00	A	4.000

Princeton University Spring (2008-09 year)

Course	Credits	Grade	Points
COS 226: Algorithms and Data Structures	1.00	B+	3.300
MAT 204: Advanced Linear Algebra	1.00	B+	3.300
ORF 245: Fundamentals of Engineering Statistics	1.00	A-	3.700
PHY 104: General Physics II	1.00	A-	3.700
WRI 173: Writing Requirement	1.00	B+	3.300

Cumulative GPA for 2008-09 year at Princeton University: 3.556 (on scale of 4.000)

MIT Fall 2009

Course	Units	Grade	Points
14.01: Microeconomics	12	A+	5.0
6.041: Probability Systems Analysis	12	A+	5.0

MIT Spring 2010

Course	Units	Grade	Points
1.00: Introduction to Computers and Engineering Problem Solving	12	A+	5.0
7.014: Introductory Biology	12	A	5.0
14.02: Principles of Macroeconomics	12	A	5.0
15.053: Optimization Methods in Management Science	12	A+	5.0
15.501: Corporate Financial Accounting	12	A+	5.0

MIT Fall 2010

Course	Units	Grade	Points
14.04: Intermediate Microeconomic Theory	12	A+	5.0
14.12: Economic Applications of Game Theory	12	A-	5.0
15.075: Statistical Thinking and Data Analysis	12	A+	5.0
15.279: Management Communication for Undergraduates	12	A	5.0

MIT Spring 2011

Course	Units	Grade	Points
14.05: Intermediate Macroeconomic Theory	12	A+	5.0
14.32: Econometrics	12	A-	5.0
15.068: Statistical Consulting	9	A+	5.0
15.301: Managerial Psychology Lab	15	A	5.0
15.761: Intro. Operations Management	9	A	5.0
STS.006: Bioethics	12	A	5.0

MIT cumulative GPA: 5.0 (on scale of 5.0)

Current Classes (Fall 2011)

Course	Units	Grade	Points
14.45: Financial Economics	12		
14.72: Capitalism & Its Critics	12		
15.062: Data Mining	6		
15.616: Basic Business Law: Innovation & Strategy	9		
STS.008: Technology and Experience	12		