

# WHY I LOVE MATH

EXCERPTS FROM RECENT SURVEY OF OUR MATH GRADS FROM  
04', 05', 06', 07'

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I was at Citigroup's Investment Banking division working on Mergers and Acquisitions after graduation. I am now at GSC Group looking at investments in distressed securities.

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With my math degree, I went to law school (I graduated in May 2007 from University of Michigan Law School). I just started at a large Chicago law firm, Jenner & Block, in their Environmental Law practice. To tell the truth, although I'm very excited about my career, I do miss studying mathematics... I found my math background (as opposed to my other major, Government) supremely useful in law school. Legal arguments are very similar to proofs. When I was able to learn from the mistakes I made writing proofs at Dartmouth, I significantly improved my legal writing.

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With Digitas since fall 2004, transferring to Hong Kong offices, Digitas Shanghai, Hong Kong, marketing services agency in their Strategy & Analysis (consulting) group

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Since graduation, I have completed the Columbia University Post baccalaureate Premedical Program (Sept. 2004 - June 2006) and I have been working in medical research (since July 2004). For 3 years I collected, analyzed, and presented medically-related data and since June 2006 I have been a research coordinator in sports medicine. Currently I am also applying to medical school for the 2008 entering class.

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I just finished a post-baccalaureate program at Tufts University and I am applying to dental schools this year... math definitely gave me the skills to do well in science classes at Tufts.

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I'm a computer programmer for Google.

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I'm at the University of Illinois at Urbana Champaign, doing graduate school in computer science

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I worked at Lehman Brothers, an investment bank, as a structured finance research analyst after I graduated from Dartmouth in 2004. I then moved to my current job at Paulson & Co, a hedge fund in New York. I am a vice president in charge of structured finance investments at Paulson.

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I became a Teach for America 2005 corps member and taught math for two years in Bedford Stuyvesant, Brooklyn, and NYC. Now, I'm working on staff at Teach for America.

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Since graduating, I've been working for Lockheed Martin as a Systems Engineer in King of Prussia, PA. Most of what I do is more engineering related, but I have been able to apply some of my math skills doing statistical analysis on program performance data. I'm also currently enrolled in a graduate program at George Washington University through a Lockheed cohort program, obtaining a Masters of Science in systems engineering.

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Since I have graduated, I have been teaching 6th and 7th grade math at Riverdale Country School in the Bronx, NY.

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I'm still a graduate student in the pure math program at the University of Maryland. I love the higher level of math and am very grateful to the Dartmouth math department for the extraordinary undergraduate background which they provided to me.

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Since graduating, I entered the Teach for America program, a subset of Americorps. I have just started my second year teaching math at an inner city public school in Oakland.

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I've gone on to join a PhD program in Computer Science. I did not have a Computer Science degree from Dartmouth but the math program at Dartmouth has given me enough of an advantage to make me prepared for my current program. My dissertation work is theoretical (very math focused): evolutionary game theory. I consider what I do now to be "applied theoretical math"...

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I'm studying for a PhD in Astrophysics at Oxford. After graduating in 2004, I enrolled at UCSD, Scripps Institution of Oceanography, as a PhD student in Biological Oceanography. I was a math major and biology minor at Dartmouth, and I'm very interested in interdisciplinary research, trying to understand the biological-physical interactions in the ocean. I have now finished my third year at Scripps, and have received my masters. I expect to earn my PhD in 3 more years. In addition, I have been involved in scientific outreach. I volunteer at National Ocean Science Bowl (a trivia competition for high school students) and give talks about graduate school and other opportunities in Oceanography. Most notably, I visited Dartmouth in January of 2007 (with generous support from many science departments at Dartmouth led by Thomas Shemanske). I spoke at the weekly Math Meeting, the Biology Department, and Women in Science about my experiences, and about opportunities in oceanography. I am now teaching an introductory class in Marine Biology at the University of San Diego entitled "Life in the Oceans."

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I am pursuing graduate studies in physics at the  
University of Arizona.

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I am living in Boston and applying to law school for  
next year. I think many of the things I learned as a  
math major at Dartmouth will help me when I am  
studying law.

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I'm in New York doing risk management consulting  
for Sungard. I'm thinking about going back to school  
for a M.A. in either Math or Mathematical Finance.

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I am currently a half-time graduate student at  
Georgetown University, entering my second and  
final year of studies in a Masters in Mathematics  
and Statistics program. I also work full-time at the  
U.S. Government Accountability Office as an  
analyst

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Since graduating, I have been working for a  
healthcare consulting firm outside Washington D.C.  
Routinely, I have been trusted to fill the role of the  
"quant" guy on these projects, largely because of  
the analytical skills I developed as a math major at  
Dartmouth.

Of the 130+ majors polled,  
more than 50% responded.

Of those who responded:

- \* **25+ students went on to graduate school**
- \* **15+ are either in graduate school for math or are currently teaching math**
  - \* **15+ are working in the finance/banking/investment fields**
- \* **8 have gone on to Medical School**
- \* **7 have gone on to Law School**
- \* **6 have gone on to Grad School in Computer Science**
- \* **Many have done volunteer work or are working in the non-profit sector**