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OBJECTIVE Obtain a part-time teaching/tutoring position.

SKILLS Extensive teaching and tutoring experience in high school and undergraduate mathematics, statistics, computer science, and science courses.
Adept at problem solving, as exemplified by placement in the “Putnam exam”, Microsoft Imagine Cup Algorithm Invitational, and ACM Programming Contest.
Proficient in a wide range of programming languages and environments, including C, C++, Java, L^AT_EX, Maple, Mathematica, Matlab^(R), MIPS assembly, ML/SML, Perl, Qt 4, and Z80 assembly.

EDUCATION **University of California Los Angeles, Los Angeles, CA** **GPA : 3.954**
Master of Arts in Mathematics, June 2006
pursuing a Ph.D. in Mathematics, June 2010 (expected)

Coursework : algebraic topology, algorithms, approximation algorithms, asymptotic methods (2 quar), combinatorics (2 quar), complex analysis (2 quar), computational fluid dynamics, computational linear algebra, continuum mechanics, control and optimization, differential equations (3 quar), differential geometry, differential topology, distributed algorithms, Fourier analysis, Lie groups and Lie algebras, numerical analysis (3 quar), real analysis (4 quar), scientific computing

Harvey Mudd College, Claremont, CA **Overall GPA : 3.858**
Bachelor of Science in Mathematics, May 2005 **Major GPA : 4.000**
Graduated with High Distinction, Honors in Mathematics

Coursework : algebra, algorithms, complex analysis, data structures and program development, differential geometry (2 sem), discrete mathematics, dynamical systems, linear algebra (2 sem), logic, ODEs, PDEs (2 sem), probability theory (1.5 sem), real analysis (2 sem)

EXPERIENCE **Teaching Associate for Department of Mathematics**, UCLA, Los Angeles, CA; 2005 – present.
Led discussion sections twice a week to review lecture, tutored at the Student Math Center, prepared review sessions before exams, and held office hours to provide students with additional help. Classes include Math 32A, 32B, 33A, 33B, 269A (twice), 269B (twice).

Private Tutor for Cardinal Academics, Los Angeles, CA; 2006 – 2007. Tutored high school students in a wide range of subjects, including high school mathematics, SAT Math preparation, and AP Chemistry.

Academic Excellence Mathematics Tutor, HMC, Claremont, CA; 2003 – 2005. Tutored students in linear algebra, differential equations, multivariable calculus, discrete mathematics; conducted workshops and exam review sessions.

Computer Science 60 (Principles of Computer Science) “Grutor”, HMC, Claremont, CA; 2002 – 2005. Graded course assignments; tutored students on the principles of computer science.

Mathematics 173 (Advanced Linear Algebra) Grader, HMC, Claremont, CA; spring 2005. Graded course assignments.

Mathematics 131 (Mathematical Analysis) Tutor, HMC, Claremont, CA; spring 2004. Tutored students in real analysis.

Mathematics 55 (Discrete Mathematics) Grader/Tutor, HMC, Claremont, CA; fall 2002. Graded course assignments; tutored students in discrete mathematics.

AWARDS VIGRE Fellowship (awarded by UCLA), 2005 – 2010
Chancellor’s Prize (awarded by UCLA), 2005 – 2006
Top-200 (2003, 2002) and Top-500 (2004, 2001) Individual Placement and 11th (2004) Team Placement in the William Lowell Putnam Mathematical Competition
18th place internationally in the 2004 Microsoft Imagine Cup Algorithm Invitational
Meritorious Winner in the 2004 MCM (Mathematical Contest in Modeling)
ACM Programming Contest participant - 7th / 63 place (2004) and 20th / 59 place (2003)
Robert Borrelli Clinic Prize for Most Outstanding Clinic Team (awarded by HMC), 2005
Stavros Busenberg Prize in Applied Mathematics (awarded by HMC), 2004
Coleman Prize in Mathematics (awarded by HMC), 2003
HMC Dean’s List, 2002 – 2004