Charles Z. Martin

Department of Mathematics
South Hall 6432 F
University of California, Santa Barbara
Santa Barbara, CA 93106

cmart07@math.ucsb.edu
www.math.ucsb.edu/~cmart07

Education

M.A. Mathematics, University of California, Santa Barbara, 2008

B.S. Applied Mathematics, Georgia Institute of Technology, 2007, *Highest Honor*

B.S. Physics, Georgia Institute of Technology, 2007, *Highest Honor*

Research Experience

Undergraduate Research (REU) — Spring & Summer 2005
Yang Wang — Georgia Institute of Technology
Studying patterns and algorithms related to the expression of integers in alternative digit sets. Applications to cryptography and Benford's law.

Honors and Awards

Raymond L. Wilder Award, University of California, Santa Barbara, 2008

Senior Mathematics Award, Georgia Institute of Technology, 2006

Academic Interests

Harmonic function theory, Potential theory, Complex function theory, Mathematical physics, Probabilistic combinatorics, Discrete geometry