

Mark Walters

7523 Riverdale Rd #1987
New Carrollton, MD 20784

(mobile) 330.259.5929
waltersm@mailbox.sc.edu

OBJECTIVE

To obtain a position in a quantitative environment, where I can employ my analytical skills to assist in performing mathematical or statistical research.

EDUCATION

Doctor of Philosophy in Mathematics, August 2005 – August 2009

University of South Carolina, Columbia, SC

- GPA 3.86/4.0
- Society for Industrial and Applied Mathematics Chapter President 2007-2009
- Dissertation - discrete mathematics
- Publication in Discrete & Computational Geometry journal
- 2008-2009 Outstanding Teaching Assistant Award

Master of Science in Mathematics, August 2004 – August 2005

Miami University, Oxford, OH

- GPA 3.96/4.0
- Research in combinatorial number theory

Bachelor of Science in Mathematics, magna cum laude, August 2000 – May 2004

Miami University, Oxford, OH

- GPA 3.78/4.0 [3.92 in Math/Stat]
- Dean's Scholar Research Grant Recipient (analysis paper Coll. Math Journal)
- 1st place award in MAA national student paper contest
- Zoltan Balogh Memorial Award in Math/Stats
- Resident Assistant and involved in two student service organizations

EXPERIENCE

Mathematics & Statistics Private Tutor, June 2005 - Present

- Tutor students in math/stat courses (ranging from high school up to graduate)

Industrial Mathematical & Statistical Modeling Workshop, July 2008

- Effectively worked with a team to solve a computational optimization problem
- Wrote a MATLAB program that improved the current best known algorithm

Presented Research at 11 Mathematics Conferences, October 2003 – Present

- Developed presentation and communication skills

RELEVANT COURSE WORK

Analysis, Algebra, Discrete Math, Graph Theory, Computational Number Theory, Numerical Analysis, Approximation Theory, Probabilistic Methods, Time Series Analysis, Dynamic Programming, Investment Management, Fixed Income Analysis, Derivatives

COMPUTER SKILLS

C++, SAS, MATLAB, Java, SAGE, Excel, Bloomberg Terminal