

Present Address

Permanent Address

OBJECTIVE: To obtain a graduate fellowship through the Department of Homeland Security

PROFILE: Mathematical research experience from an internship at the National Security Agency
Received high place standings in domestic and international mathematics competitions
Strong skills in logical thinking and problem solving
Knowledgeable in computer programming and various mathematical software

EDUCATION: The University of Iowa, Iowa City, IA
Bachelor of Science in Mathematics, Bachelor of Science in Physics
G.P.A. [REDACTED]/4.00 Degree received: May 2002

The University of Maryland, College Park, MD
Doctorate of Philosophy in Mathematics
G.P.A. [REDACTED]/4.00 Degree anticipated: May 2007

WORK EXPERIENCE:

Teaching Assistant	College Park, MD
University of Maryland, College Park	Fall 2002 – Spring 2003
- Held regular discussion sections for a first semester calculus course	
- Graded homework for an advanced calculus course	

Mathematical Research Intern

National Security Agency	Fort George G. Meade, MD
- Performed research for the Cryptology Office of the Information Assurance Research Group	Summer 2002
- Studied and gave presentations on public key cryptography and algebraic geometry	
- Worked extensively with Magma, LaTex, and C programming in a Unix environment	
- Top Secret/Sensitive Compartmented Information clearance	
- Underwent Agency Special Background Investigation and polygraph	
- Grade 7, Step 3 government employee	

Tutor

New Dimensions in Learning	Iowa City, IA
- Tutored students in various levels of calculus and physics	Summer 2001 – Spring 2002

Laboratory Assistant

University of Iowa Physics Department	Iowa City, IA
- Assisted in the construction of a high-vacuum plasma chamber	Fall 1999 – Fall 2001
- Built various electronic circuits	

Research Assistant

University of Iowa Mathematics Department	Iowa City, IA
- Studied original proofs by Gauss	Fall 1999
- Synthesized Gaussian arguments into modern algebra concepts	

ACTIVITIES:

8th Annual International Mathematics Competition in Prague, Honorable Mention
7th Annual International Mathematics Competition in London, Participation
61st Annual William Lowell Putnam Mathematical Competition, 194.5 place
59th, 60th, & 62nd Annual William Lowell Putnam Mathematical Competition, Participation
2002 Iowa Collegiate Mathematics Competition, 7th place
2001 Iowa Collegiate Mathematics Competition, 1st place
2000 & 1999 Iowa Collegiate Mathematics Competition, Participation
2002 National Society of Collegiate Scholars Service Spring Break participant
University of Iowa Society of Physics Students, Vice President

HONORS:

University of Iowa Dean's List (8 semesters), President's List (1 semester)
Phi Beta Kappa Honor Society
National Society of Collegiate Scholars
Golden Key Honor Society