

CURRICULUM VITAE

Kathryn Truman

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Education

St. Norbert College B.A. Mathematics August 1996 - May 2000
 Minor - Physics, Computer Science
 Budapest Mathematics Program Spring 1999

University of Maryland M.A. Mathematics (non-thesis) August 2000 - December 2003

University of Maryland Ph.D. Mathematics August 2000 - May 2006
(Expected)

Professional Experience

St. Norbert College:

- Lab Assistant, Tutor for Physics August 1997 - May 2000
 - set up and assisted during labs for the introductory physics class
 - held tutoring hours for the students in the class
- Lab Assistant, Tutor for Computer Science August 1997 - May 2000
 - assisted during labs for the introductory computer science programming class
 - held tutoring hours in the computer lab for the students
- Tutoring Lab Assistant for Mathematics August 1999 - May 2000
 - held tutoring hours in the mathematics tutoring lab for basic algebra through advanced proof courses

University of Idaho, Moscow:

- Participant in Research Experience for Undergraduates Summer 1999
 - worked on three problems in Rado Theory
 - three unpublished papers from the REU

University of Maryland:

- Graduate Teaching Assistant for Mathematics August 2000 - Present
 - taught a Number Theory Course during the summer
 - taught small sections of College Algebra and Precalculus
 - ran group work discussion sections for Calculus I and Calculus II
 - ran discussion sections for an interdisciplinary course on the creativity of great people
 - advised undergraduate math majors for a month and a half over the summer
 - ran analysis qualifying exam study group from December 2004 - January 2005

- graded for:
 - * Introductory Proof course (2 semesters)
 - * Cryptography
 - * Number Theory
 - * Business Calculus
 - * graduate level Abstract Algebra (first and second semester)
- Private Tutor
 - tutored all levels from introductory algebra through advanced analysis and number theory

Computer Skills

- General programming (C++, Pascal), Maple, Mathematica, Magma, Pari, LaTeX

Talks given

- Various talks on NTRU and Braid Groups during the Cryptography Research Interaction Team (RIT) Meetings
- Talks on various papers in Number Theory for the Number Theory RIT Meetings
- Talks each summer from 1997-2000 on various topics at the Joint Math Meetings (one won the AMS prize for outstanding presentation) as well as talks at various regional conferences
- Poster presentation and talk at the winter Joint Meetings in 2000

About Me

Beyond teaching and mathematics I enjoy knitting, cross-stitching, yoga, pilates, and gardening. I also sing and play the flute.