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Work Experience

- **Department of Mathematics and Computer Science** from Dickinson College, Carlisle, PA
– September 2008 - August 2009

Education

- **Ph.D. in Mathematics** from Rutgers University, Piscataway, NJ
– Advisor: Professor Doron Zeilberger
– September 2002 - October 2008
- **M.A. in Industrial Engineering** from University of Wisconsin, Madison, Madison, WI
– Advisor: Leyuan Shi
– Sept 1999 - May 2002
- **B.A. in Industrial Engineering** from Chulalongkorn University, Bangkok, Thailand
– Advisor: Professor Sirichan Thongprasert
– June 1994 - March 1998

Research Interests

- Primary: Experimental Mathematics, Enumerative combinatorics
- Secondary: Combinatorial Game Theory, Ramsey Theory, Partition Theory

Publications

- *Three Results of Combinatorial Game Toads and Frogs*,(2007), submitted.
- *Further hopping with Toads and Frogs*,(2007), submitted.
- *On the Monochromatic Schur Triples Type Problem*
, Electronic Journal of Combinatorics, R14 of Volume 16(1), 2009
- *A Symbolic Finite-State Approach For Automated Proving of Theorems in Combinatorial Game Theory* , with Doron Zeilberger, Journal of Difference Equations and Applications, 15(2009), 111-118.
- *How to beat Capablanca*, Advances in Applied Mathematics, February 2008.
- *Permutation Statistics*, Mathematics Magazine, April 2004, 136-140.

Teaching Experience

- **Number Theory:** Fall 2008 (Instructor)
- **Elementary Statistics:** Fall 2008, Spring 2009 (Instructor)
- **Graph Theory:** Summer 2008 (Instructor)
- **Numerical Analysis:** Summer 2007 (Instructor)
- **Linear Optimization:** Summer 2006 (Instructor)
- **Calculus II:** Summer 2004, Spring 2009 (Instructor)
- **Differential Equation:** Fall 2006, Spring 2008 (Teaching Assistant)
- **Pre Calculus ,Calculus I, Calculus II or Calculus III:** Fall 2003, Spring 2004, Fall 2004, Spring 2005 ,Fall 2005, Spring 2006, Spring 2007, Fall 2007 (Teaching Assistant)

Invited Talks

- *Finite State Method for Combinatorial Games*, Colloquia, Queens College, March 2008
- *Finite State Method for Combinatorial Games*, Workshop on Combinatorial Game Theory, BIRS Alberta, Canada, January 2008
- *Computer-Generated Conjectures(!) and Proofs(!) in Combinatorial Game Theory (II)*, AMS Special Session on Applications of Computer Algebra in Enumerative and Algebraic Combinatorics, Joint Mathematics Meetings San Diego, January 2008

Seminar Talks

- *When Harry met Sally ...* , Graduate Student Combinatorics Seminar, Rutgers University, October 2007
- *Some fun with the minimum number of same color Schur triples on $[1,n]$* , Graduate Student Combinatorics Seminar, Rutgers University, October 2007
- *Experimental Math and Ramsey Theory* , Introduction to Mathematics at Rutgers (IMR), Rutgers University, September 2007
- *Dancing with Toads and Frogs*, Experimental Mathematics seminar, Rutgers University, January 2007
- *On playing games*, Graduate Pizza seminar, Rutgers University, December 2006
- *Ramsey Theory*, Graduate Pizza seminar, Rutgers University, January 2006

Award

- Dean's Award for Excellence in Research from the Graduate School, Rutgers University, 2008
- TA Teaching Excellence Awards, Fall 2006