

Jeffrey Victor Truman
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Objective: I am seeking a position that will allow me to use and further develop my skills in mathematics, and gain experience in mathematics research, in order to prepare for graduate study.

Education:

University of Arizona, Tucson, AZ

Expected Bachelor of Science in Mathematics, May 2010.

Current GPA: 4.000, Major GPA: 4.000

Glendale Community College, Glendale, AZ

Associate of Science, May 2008.

Graduated with GPA of 4.00, from honors program and with highest distinction.

Perfect score, Measure of Academic Proficiency and Progress

Home Schooling, Phoenix, AZ

Graduated April 2007.

Took 49 credits at community college before this date, including Calculus I and II.

Relevant Coursework:

Mathematics: Formal Mathematical Reasoning and Writing, Ordinary Differential Equations and Stability Theory, Linear Algebra, Theory of Complex Variables, Introduction to Topology, Combinatorial Mathematics, Real Analysis of One Variable, Real Analysis of Several Variables, Intro to Abstract Algebra, Second Course in Abstract Algebra, Introduction to Cryptography, Game Theory and Mathematical Programming

Computer Science: Program Design and Development, Object-Oriented Programming and Design, Computer Organization

Employment:

Undergraduate Teaching Assistant, The University of Arizona, January 2010-Present

Tutored both basic college mathematics courses and the assigned course, an upper-division course in linear algebra.

Graded homework for upper-division linear algebra.

Assisted UA students one-on-one with math problems.

Demonstrated the process of solving a single problem.

Explained necessary concepts and skills while going through a single problem.

Participant, DIMACS REU Program, June 2009-July 2009

Gained experience in applied mathematical research.

Acquired knowledge of game theory for application to research.

Gave talks describing my research to fellow program participants.

Gained skill in basic MATLAB use and webpage design for project work.

Undergraduate Teaching Assistant, The University of Arizona, January 2009-May 2009

Tutored both basic college mathematics courses and the assigned course, an introduction to mathematical methods of proof.

Tutor (mathematics), Glendale Community College, January 2007-August 2008

Tutored from arithmetic to multivariable calculus, linear algebra, and differential equations.

Programming Experience: 3-semester level of Java, 1-semester level of C++ and MIPS assembly.

Honors:

Member of the Honors College at The University of Arizona

Dean's List with Distinction, Fall 2009 and Spring 2009, The University of Arizona

Member of Phi Theta Kappa (two-year college honor society)

President's Honor List, Spring 2008, Fall 2007, and Spring 2007, GCC

Activities:

William Lowell Putnam Mathematics Competition, December 2008, score 21

ACM IC Programming Contest Rocky Mountain Regional, second place team

Member of MathCats, August 2008-Present; Secretary August 2009-Present

Member of SPRITE (Students Promoting Respect for Individuality Through Example), August 2008-Present

Member of STEM (Science, Technology, Engineering, and Mathematics) Club, March 2007-May 2008

Secretary of STEM, January 2008-May 2008

Judge in Arizona Science Olympiad, March 2008

Citizenship: United States

Availability: After 17 May 2010