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# Benjamin E. Torres

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## Experience:

- Martin Luther King Jr. High School**, Lithonia, Georgia Fall 2008-Present  
*Mathematics Teacher*  
Taught Pre-Calculus, Algebra III, and Algebra II to juniors and seniors. Also taught Mathematics I and Basic Math to 9<sup>th</sup> graders. Mathematics I is part of the new Georgia curriculum which incorporates Algebra, Geometry, Data Analysis and Probability. Basic Math is a support class designed to help Title I students who have traditionally struggled with math.
- Mathematics and Science Partnership**, San Juan, Puerto Rico Summer 2008  
*University of the East*  
Taught an intensive summer seminar designed to improve the content knowledge of mathematics and science high school teachers.
- The Math School**, San Juan, Puerto Rico Fall 2007-Summer 2008  
*Mathematics and Physics Tutoring Services*  
Tutored privately students from 7<sup>th</sup> grade to the university level on all levels of math and physics. Covered topics such as Pre-Algebra, Algebra, Geometry, Statistics, Physics, Pre-Calculus and Calculus I, II and III.
- Georgia State University**, Atlanta, GA Fall 2005-Summer 2007  
*Mathematics and Statistics Department*  
Taught a variety of courses: College Algebra, Pre-Calculus, Statistics, and Introduction to Mathematical Modeling. Used Blackboard, an internet-based platform designed to increase student engagement, provide students with personalized learning opportunities and provide teachers with tools to manage and monitor student progress.
- Southern Polytechnic State University**, Marietta, GA Fall 2002-Summer 2005  
*Mathematics Program*  
Taught a variety of courses: College Algebra, Pre-Calculus, Calculus, and Probability and Statistics. Responsible for delivering lectures, assigning and grading quizzes and homework, and preparing and grading exams.
- Georgia State University**, Atlanta, GA Fall 2000-Summer 2002  
*Mathematics and Statistics Department*  
Taught a variety of courses: College Algebra I and II, Survey of Calculus, and Introduction to Mathematical Modeling. Responsible for delivering lectures, assigning and grading quizzes and homework, and preparing and grading exams.
- University of Puerto Rico at Mayagüez**, Mayagüez, PR Fall 1996-Summer 1997  
*Mechanical Engineering Department*  
Taught five sections of two different courses: Thermodynamics I, for Mechanical Engineering majors, and General Thermodynamics, for non-Mechanical Engineering majors. Delivered lectures, solved problems in class, assigned and graded quizzes and homework, and prepared and graded exams.

## Education:

- Georgia Institute of Technology**, Atlanta, GA May 1999  
Ph.D. Candidate in Mechanical Engineering
- Massachusetts Institute of Technology**, Cambridge, MA February 1997  
M.S. in Aeronautical and Astronautical Engineering  
B.S. in Aeronautical and Astronautical Engineering June 1996