

To Whom It May Concern:

I graduated in December of 2010 with a B.S. in physics and applied math from the University of Texas at El Paso. Currently I am transitioning into the Computational and Applied Mathematics Ph.D. program at Rice University. I have worked for Dr. Ceberio for over year as an undergraduate, and later as a graduate, research assistant in the Constraint Research and Reading Group (CR2G). My work with Dr. Ceberio includes symbolic-numeric computations and outreach projects. In particular, my work focuses on algorithms for eliminating redundant constraints given a feasible set of linear inequalities.

I first met Dr. Ceberio in the spring of 2009, where she taught an introductory computer science course. Prior to that class I had zero programming skills and very little interest in computer science. Dr. Ceberio introduced the basic and fundamental ideas of programming in a comprehensive manner, reinforcing this knowledge with challenging lab assignments. Despite being an introductory course, Dr. Ceberio held the class with high standards.

My research experience with Dr. Ceberio has been rich and well rounded. She has mentored me through every aspect of research, offering invaluable advice as a seasoned researcher. She was able to provide the type of advice that cannot be taught in a classroom such as: ethics of research, authorship in collaborated work, and the process of writing and publishing an article. Dr. Ceberio's mentoring style can best be described as "hands on", without infringing on the student's creativity. Despite her busy schedule she is able to maintain twice a week meetings with the research group. Furthermore, she goes the extra mile by scheduling extra meeting times whenever necessary. Dr. Ceberio has been very active at every stage of my research project, from development to publication. She is a very dedicated advisor, taking the time to even polish the finer details, i.e., proofread, check overall visual appeal of presentation/article, correct units, etc.

Dr. Ceberio has been a great influence in my academic and professional life. She was the professor that introduced me to programming and computer science, leading to my decision in pursuing a Ph.D. in computational and applied mathematics. She has instilled in my work professionalism, excellence, and passion. She is, and will continue to be, a mentor and a role model as I too walk the path of an academic.

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