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About Me

I'm a computer science student from University of São Paulo, in Brazil. In the year of 2014 I was selected to participate in the program Science Without Borders, provided by Government of Brazil, and in August 2015 I moved to College Station, Texas, to study at Texas A&M University for two semesters.

I started my computer science program in University of São Paulo in February 2013 and I have already completed 60% of my course credits (not counting credits from Texas A&M) which makes December 2017 my expected graduation date.

Background

My first working experience was being professor assistant of Introduction to Computer Science class, in University of São Paulo. In this opportunity I worked grading students homeworks, answered students questions and also had the opportunity to replace the professor for two of the first lectures. This opportunity led me to my second working experience when the professor I assisted offered me a position as an undergraduate researcher.

In my research I worked for Butantan Institute and São Paulo Research Foundation researching about the U-Curve problem, an optimization problem that is defined over a boolean lattice and where the objective function describe u-shaped curves for every chain of the lattice. In this opportunity I had to work in a big framework for solving U-Curve problems adding a new algorithm as an attempt to solve the problem more efficiently. While working on this project I had to read papers and existing code; elaborate new code and solutions; and also compare results from new algorithms with the ones that already exists.

Objectives for the Summer

My main goal for the summer is to expand my knowledge in computer science by studying topics related to a research opportunity that I might get. Expanding my knowledge in computer science is an opportunity to get in touch with different areas that may guide me to a specific field that I want to concentrate in.

A secondary goal for the summer is to become a more experienced researcher. My first research opportunity was in my university working only with my advisor, therefore doing research in the U.S. is a great opportunity for me to work in a different environment and become a more mature researcher.

I also believe that staying in the U.S. for this summer is a great opportunity to meet more academic people. Since I arrived in the United States I met people from a lot of different places and this was great for me to learn from them about different cultures and also to make my contact network wider, which, I believe, can give me more opportunities in the future. If I stay in the U.S. for this summer I will be able to meet even more people and make my contact network even wider.