

Gustavo Estrela de Matos

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EDUCATION

Institute of Mathematics and Statistics (University of Sao Paulo)

MASTER OF SCIENCE IN COMPUTER SCIENCE

Sao Paulo, Brazil

January 2018 - Present

Institute of Mathematics and Statistics (University of Sao Paulo)

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

GPA: 9/10

Sao Paulo, Brazil

February 2013 - December 2017

Texas A&M University

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Non-degree seeking exchange student participant of a Government of Brazil program Science Without Borders.

GPA: 3.75/4

College Station, Texas

September 2015 - May 2016

EXPERIENCES

Butantan Institute with Sao Paulo Research Foundation Grant

GRADUATE RESEARCHER

Identification of cell signaling pathways based on biochemical reaction kinetics repositories.

São Paulo, Brazil

January 2018 - Present

Butantan Institute with Sao Paulo Research Foundation Grant

UNDERGRADUATE RESEARCHER

Studies and implementation of forest based algorithms to solve the U-Curve problem.

São Paulo, Brazil

May 2017 - December 2017

Institute of Mathematics and Statistics (University of Sao Paulo)

TEACHING ASSISTANT

Assisted professor on creating and grading assignments and answering students questions.

Sao Paulo, Brazil

August 2016 - December 2016

Texas A&M University

UNDERGRADUATE RESEARCHER

Studies of stochastic optimization algorithms and applications of these different approaches on chains of the U-Curve Problem.

College Station, Texas

June 2016 - July 2016

Butantan Institute with Sao Paulo Research Foundation Grant

UNDERGRADUATE RESEARCHER

Developed alternative algorithms to solve the U-Curve problem, an optimization problem defined over a boolean lattice in which the objective function describes u-shaped curves for every chain of the lattice.

São Paulo, Brazil

January 2015 - July 2015

Institute of Mathematics and Statistics (University of Sao Paulo)

TEACHING ASSISTANT

Professor assistant of Introduction to Computer Science class. Assited professor on grading students homeworks and answering students questions.

Sao Paulo, Brazil

August 2014 - December 2014

PUBLICATIONS

featsel: A framework for benchmarking of feature selection algorithms and cost functions.

REIS, MARCELO S. ; ESTRELA, GUSTAVO ; FERREIRA, CARLOS EDUARDO ; BARRERA, JUNIOR .

SoftwareX, v. 6, p. 193-197, 2017.

SKILLS

Programming Languages C/C++, JAVA, Python, Perl, Octave (Matlab), LaTeX, MySQL, Linux, Arduino, Shell, Git, Vim, Android.
English, Portuguese

EXTRA-CURRICULAR ACTIVITIES

Texas A&M Table Tennis Club

MEMBER

College Station, Texas

January 2016 - May 2016

University of São Paulo Open Source Hardware Student Group

CO-FOUNDER

São Paulo, Brazil

November 2013 - August 2015

The group was founded by computer science students in an attempt to foment the studies of open source hardware such as Arduino between students and local community.

Computer Science Class' Representative

MEMBER

São Paulo, Brazil

February 2013 - August 2015

Institute of Mathematics and Statistics Baseball and Softball Club

MEMBER

São Paulo, Brazil

February 2013 - Present