

Rafael Mariottini Tomazela

about

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Age: 22

languages

Native brazilian
portuguese,
Fluent english

skills

Python, Ruby,
C/C++, Java, C#,
Git/Subversion,
Basic HTML/CSS,
SQL, Latex,
Linux

Experience

- 02-07 2015 **CESAR** Internship
Development of an automation software for a quadcopter using *Propeller* microcontrollers. It was automatized using data from three sensors (accelerometer, magnetometer and gyroscope) and PID controllers for motors activation.
- 05-08 2014 **Little Guy Games, Toronto** Summer Internship
Development of 3 games using Unity 3D with C#: extensive work on *Yu-Gi-Oh! Duel Dash* and smaller contributions to other two unannounced projects.

Education

- 2014 **B.S. Computer Science** Exchange Program
University of Toronto, Canada
- 2011-2015 **B.S. Computer Science**
Universidade Federal de São Carlos

Undergraduate Research

- 2012-2013 **Implementation and evaluation of a parallel clustering algorithm in MO-CLE**
Supervised by Tiemi Cristine Sakata, PhD, Professor of Computer Science
- 2012-2015 **Study and development of a distributed architecture for the DataExplorer**
Supervised by Katti Faceli, PhD, Professor of Computer Science

Other activities

- 2013 **Participation in the ACM-ICPC Latin-American programming contest**
- 2011-2013 **Participation in yearly Universidade Federal de São Carlos' programming contest**
- 2011-2013 **Participation in the regional phase of the annual ACM-ICPC programming contest**

Online Courses

- 2012 **Artificial Intelligence** By Dan Klein
The University of California at Berkeley
- 2012 **Software as a Service** By Armando Fox and David Patterson
The University of California at Berkeley
- 2011 **Introduction to Artificial Intelligence** By Peter Norvig and Sebastian Thrun
Stanford University
- 2011 **Machine Learning course** By Andrew Ng
Stanford University