

# Rafael Mariottini Tomazela

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## address

Rua Atanazio Soares  
1043, Casa 14A  
18075-000  
Sorocaba/SP

## age

23

## languages

Native brazilian  
portuguese,  
Fluent english

## skills

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

## Experience

- Fev 2015 **CESAR** Internship  
Jul 2015 Development of an automation software for a quadcopter using Propeller microcontrollers. The software used data from three sensors (accelerometer, magnetometer and gyroscope) for orientation estimation, and PID controllers for motors activation.
- May 2014 **Little Guy Games, Toronto** Summer Internship  
Aug 2014 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