

# GuilhermeNogueira

software developer

## contact

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## languages

native portuguese  
fluent english  
basic french

## programming

♥ C, Python  
Java, C++, PHP,  
Android

## skills

vraptor, django,  
mysql, postgres,  
CSS & HTML5,  
jQuery, Linux admin,  
bash scripting

## interests

distributed systems,  
multimedia, mobile  
applications and  
networks, data  
structures, data  
mining, optimization,  
music, martial arts,  
books

## education

since 2011	Master in Computer Science	University of São Paulo - Brazil
2005–2010	B.Sc. in Computer Science	Universidade Federal do Espírito Santo - Brazil

## experience

November 2012 – \*  
**Software Craftsman at Elo7** São Paulo - Brazil  
Research on supporting non-functional requirements for Wireless Sensor Networks macro-programming using SunSPOTs.

April 2012 – October 2012  
**Intern at INRIA Paris-Rocquencourt** Rocquencourt, Île-de-France - France  
Research on supporting non-functional requirements for Wireless Sensor Networks macro-programming using SunSPOTs.

March 2011 – September 2012  
**Intern for CHORéOS project** University of São Paulo, São Paulo - Brazil  
Research and implementation involving: choreography analysis using graph metrics, dynamic adaptation techniques, implementation of a testing framework, and cloud computing.

August 2010 – February 2011  
**Analist Developer at RR Sistema** Vitória/ES - Brazil  
Porting their implementation of Brazilian DTV middleware to different platforms. Mainly programming in C/C++, with low-level and multimedia libraries (GStreamer, DirectFB, pthreads, osal, etc), and required knowledge of the Brazilian digital television standards, Linux, embedded systems and distributed version control systems.

January 2009 – December 2010  
**Intern at Multimedia and Network Research Lab** Federal University of Espírito Santo, Vitória/ES - Brazil  
Developed an implementation of the Brazilian DTV middleware for Android, and part of it is my B.Sc monograph.

August 2008 – December 2008  
**Intern at Laboratory of Advanced Software Systems (LASSY)** University of Luxembourg - Luxembourg  
Worked in the RESIST project, developing a prototype for an eHealth application using SOA with multiple Web Services, using standards such as Apache CXF and WS-Security.

January 2008 – March 2008  
**Intern at CISA Trading S.A.** Trading company, São Paulo/SP - Brazil  
Maintaining their internal software solution which manages all of the companies processes. The system was written in the Progress4GL language.

March 2007 – December 2007  
**Intern at NINFA laboratory** Federal University of Espírito Santo, Vitória/ES - Brazil  
Joint project with ESCELSA, state's electric power utility, building automated classifiers for finding frauds done by its clients. Used optimization heuristics, neural networks and clustering. Tools developed in Java, C++ and Matlab.

September 2006 – March 2007

**Intern at Lettera Soluções**

Web developing company, Vitória/ES - Brazil

Developing and managing web sites using CSS, (x)HTML, PHP, ASP, MySQL, PostgreSQL, as well as common Linux admin tools.