

GuilhermeNogueira

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

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 – *
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 ESELSA, 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.