

# GuilhermeNogueira

developer

## contact

R. Manuel Henrique  
Lopes, 220/Apt 16  
05417-050 São Paulo  
Brasil

+55 27 81 23 95 15  
+33 7 53 05 52 36  
skype guilherme\_nirev  
guilherme@nirev.org  
http://nirev.org

## 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 CHOREOS 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.

## local peer-reviewed conferences/proceedings

Ginga-NCL em Dispositivos Portáteis: Uma Implementação para a Plataforma Android

Guilherme Daher, Guilherme Nogueira, Giovanni Comarela, Fábio Fabris, Magnos Martinello, José Gonçalves

Brazilian Symposium on Multimedia and Web - Webmedia 2010, 2010, Belo Horizonte, Brazil

Profit loss detection through analysis of temporal characteristics in curves of consumption

Idílio Drago, Guilherme Nogueira, Flavio Varejão, Letícia Margoto, Eduardo Cometti, Ricardo Ferro

XVIII National Seminar on Electric Energy Distribution, 2008, Olinda, Brazil