

# GuilhermeNogueira

software developer

## contact

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## languages

native portuguese  
fluent english  
basic french

## programming

Java, Ruby, Javascript,  
C, Python,  
HTML, css, bash, PHP,  
Android

## skills/tools

mysql, postgres,  
nginx, chef, jQuery,  
DevOps,  
bash scripting

## interests

distributed systems,  
p2p, mobile apps, data  
structures, music,  
martial arts, science  
fiction books

## education

since 2011      **Master in Computer Science**  
2005–2010      **B.Sc. in Computer Science**

University of São Paulo - Brazil  
Universidade Federal do Espírito Santo - Brazil

## experience

November 2012 – \*

### Software Craftsman at Elo7

São Paulo - Brazil

Our platform has high traffic and transaction volume. Our stack is based on Java, Ruby and Scala and infrastructure is on AWS. A fast paced environment, following agile practices, and focusing on delivering fast with quality. We measure and log everything with StatsD, Graphite, Splunk and NewRelic. We deploy constantly. I work mainly with Java and Ruby on the backend, vanilla Javascript and jQuery on frontend, as long maintaining our infrastructure and pipeline tools.

April 2012 – October 2012

### Undergraduate 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

### Undergraduate Researcher 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

### Software Developer/Analyst 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

### Undergraduate Intern at Multimedia and Network Research Lab

Federal University of Espírito Santo, Vitória/ES - Brazil

Working with the Brazilian DTV middleware, and ported it for Android.

August 2008 – December 2008

### Undergraduate 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.

March 2007 – December 2007

### Undergraduate 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

### PHP Developer 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.