

# GuilhermeNogueira

## contact

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## languages

native portuguese  
fluent english  
basic french

## programming

Elixir, Java, Ruby,  
Javascript, C, Python,  
HTML, css, bash

## skills/tools

team leading,  
engineering manager,  
mysql, postgres,  
nginx, docker, DevOps,  
shell scripting

## interests

distributed systems,  
making a better world,  
data structures, music,  
martial arts, science  
fiction books

## education

2011–2014 **Master in Computer Science**  
2005–2010 **B.Sc. in Computer Science**

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

## experience

September 2015 – \*

**Senior Software Engineer at XERPA**

São Paulo - Brazil

First Engineering hire. XERPA is a SAAS platform for HR, payroll, and benefits. We're building from zero with a 100% functional stack: Elixir on the backend and ClojureScript+React on the front. We're also automating our infrastructure on AWS with Terraform and Ansible.

November 2012 – September 2015

**Team Lead (Search and Analytics) at Elo7**

São Paulo - Brazil

A marketplace with high traffic and transaction volume. The stack was based on Java, Ruby and Scala on AWS infrastructure. A fast paced environment, with agile practices, and focusing on delivering fast with quality. We measured and logged using StatsD, Graphite, and NewRelic, and deployed constantly. I was leading the Search and Analytics Team: a small team using Solr, Kafka and Spark to improve search and real time reports, and responsible for its infrastructure and pipeline tools.

April 2012 – October 2012

**Intern at INRIA Paris-Rocquencourt**

Rocquencourt, Île-de-France - France

Research on fault-tolerance requirements for Wireless Sensor Networks macroprogramming.

March 2011 – September 2012

**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.

January 2009 – December 2010

**Undergrad Intern at Multimedia and Network Research Lab**

Federal Univ. of Espírito Santo, Vitória/ES - Brazil

Working with the Brazilian DTV middleware; ported it for Android.

August 2008 – December 2008

**Undergrad Intern at Laboratory of Advanced Software Systems (LASSY)**

University of Luxembourg - LU

RESIST project: developed a prototype for SOA eHealth application with multiple services.

March 2007 – December 2007

**Undergraduate Intern at NINFA laboratory**

Federal University of Espírito Santo, Vitória/ES - Brazil

Joint project with ECELISA, 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