

## Renan de Lima Barbosa

Poitiers, France

+33 06 52 86 30 76

renandelima@gmail.com

skype : renandelima

<https://github.com/renanbr>

Full stack web developer

Born in Brazil February 18<sup>th</sup> 1985

Languages: Portuguese, Spanish, English and French

## Education

- 2014 **Master of Media Engineering for Education (Euromime)**  
à *Master thesis: Evolution of Technology Acceptance Over Time: High School Students' Experiences with Tablets*  
2016  
University of Poitiers, France  
National University for Distance Education, Spain  
University of Lisbon, Portugal
- 2002 **BSc in Computing**  
à *Graduation thesis: Technology Infrastructure Evaluation for Digital Inclusion Programs*  
2007  
University of Brasília, Brazil

## Main professional experiences

- 2013 **Coordinating and facilitating the delivery of softwares developed at the Ministry of Education**  
Position: TI consultant at Ministry of Education, Brazil  
Tags : Deployment manager; Continuous integration; DevOps; Composer; Jenkins; Quality assurance; Unit test; Load testing; Development standards
- 2010 to 2012 **Development of systems: Sisu, student admission management for public universities; Fies, loan management for private universities students; and Prouni, scholarship management for universities students**  
Position: Senior system architect at Ministry of Education, Brasília, Brazil  
Tags : PHP, Zend Framework; Software architecture; Unit test; Load testing, high traffic (pic of 1K req/sec); REST; OAuth; PostgreSQL; Oracle
- 2009 to 2010 **E-commerce development and its integration with many webservices**  
Position: Senior developer and team leader at Shoprizer, Miami  
Tags : PHP; JavaScript; SOAP, REST; MySQL
- 2008 to 2009 **Analysis and architecture design of a management system of national commission of residency (medicine)**  
Position: IT analyst at Ministry of Education, Brasília, Brazil  
Tags : Activities planning; UML diagrams; Database modeling
- 2008 to 2009 **Development of management system of national program for digital inclusion**  
Position: Developer at National Institute of Information Technology of Republic Presidency, Brasília, Brazil  
Tags : PHP, Zend Framework; SOAP; LDAP; JavaScript; PostgreSQL; CSS
- 2006 to 2008 **Development of the Planning Budget and Financial Integrate System of Ministry of Education**  
Position: Senior developer at Ministry of Education, Brasília, Brazil  
Tags : PHP; cURL; JavaScript; PostgreSQL; CSS
- 2005 to 2006 **Development of system for advertisement actions management of Federal Government companies of Brazil by the Republic Presidency of Brazil**  
Position: Developer at Isobar (before it was called AgenciaClick), Brasília, Brazil

Tags : PHP; Software architect; CSS; JavaScript; SOAP; Oracle

## Academic professional experiences

- 2014 Development of a gamification module for a software of mathematic teaching  
Laval University, Québec  
Tags : PHP; JavaScript; CSS; Mathematic teaching; Learning styles; Gamification, game mechanics in teaching
- 2011 to 2013 Reengineering of Geogebra — a dynamic geometry software — to integrate it with a textual and graphical environment  
University of Brasília  
Tags : PHP; Java; JavaScript; CSS; Mathematic teaching; Theory of register of semiotic representation

## Main open source activities

The most part of my activities are at <https://github.com/renanbr>

- Created at 2016 BibTex Parser, it provides an API to read .bib files programmatically  
<https://github.com/renanbr/bibtex-parser>  
Tags: PHP; File handling; Tokenizer
- Created at 2015 Crossref Client, it provides a PHP client library for CrossRef API  
<https://github.com/renanbr/crossref-client>  
Tags: PHP; HTTP requests; JSON; CrossRef
- Since 2014 Issues, commits/pushes et comments for Zend Expressive  
<https://github.com/zendframework/zend-expressive>  
<https://github.com/zendframework/zend-expressive-skeleton>  
Tags: PHP; Framework
- Created at 2013 Telltale, it analyses current execution and provides information about potential application bottlenecks  
<https://github.com/renanbr/telltale>  
Tags: PHP; Xdebug; FirePHP; ChromeLogger
- Since 2013 Issues, commits/pushes et comments for Composer projects  
<https://github.com/composer/composer>  
<https://github.com/composer/satis>  
Tags: PHP; Dependency manager
- Created at 2009 Zend Service Ebay, group of APIs for using eBay web services  
<https://github.com/zf1/zend-service-ebay>  
Tags: PHP; XML; HTTP requests
- Created at 2008 WSDLDocument, a helper to handle WSDL for providing webservices via SOAP  
<https://code.google.com/archive/p/wsdlldocument/>  
Tags: PHP; SOAP; XML; DOM