

A full-stack software developer for web and desktop environments since 2006. Extensive experience working on large-scale projects in accounting, education, and finance industries. Highly proficient in ASP.NET C#, PHP, and relational databases.

Technical Skills

Languages: ASP.NET C#/VB, C++, Java, PHP, JavaScript, HTML, Python
Databases: Oracle, MySQL, PostgreSQL, MSSQL
Frameworks/Libraries: jQuery, Bootstrap, Visual Studio, Eclipse
Other: Scrum, Git/GitHub, SVN, Google Cloud, Amazon AWS, Anaconda, Jupyter, GIMP

Project Experience

Computer's Engineering Final Term - <https://github.com/falreis/tcc>

December 2012

- Developed a taxi dispatch system to reduce delay for a taxi service; in a simulation scenario, the algorithm selects the nearest/quickest taxi available and return the estimated time to the client (similar to Uber nowadays);
- The project was developed in C# and Google Maps Framework.
- The paper of the project was written and later presented in a congress in Mazatlán - Mexico. Afterwards, other two papers were written (I worked just as a collaborator), providing optimization of the taxicab assignment. The papers were also published in a congress and in a Brazilian scientific magazine.

Work Experience

Prodabel - Information Technology Analyst

Belo Horizonte, Brazil | May 2014 - July 2017

- Gathered and analyzed requirements to define solutions, developed and supported new accounting software, CASP - a Brazilian standard for public accounting;
- Migrated an old accounting software to the new version (including data), developed procedures for accounting processing/closure, developed reports, allowing publish the balance sheet based on the system's data.
- Technologies used: PowerBuilder 12.5 (Desktop), PHP - Zend 1.1 (Web), Oracle (Database)

Ci&T Software S.A. - Full Software Engineer

Belo Horizonte, Brazil | July 2013 - March 2014

- Developed and supported an educational software (academical and financial areas);
- Technologies used: Classic ASP (Web), Oracle (Database)

CSI Services Ltda. - System Information Developer

Belo Horizonte, Brazil | September 2012 - June 2013

- Gathered and analyzed requirements, created Scrum Backlog, defined system architecture and developed new software to manage company's printers and hardware resources (outsourced company);
- Developed a print filter for Linux Operational System, using CUPS technology, and a layer to integrate with a Java application, to block printing if the user is unauthorized.
- Technologies used: ASP.NET C# 4.0 + NHibernate (Web), MSSQL (Database), C++ (CUPS)

Education

PUC Minas, Brazil - Masters in Informatics

IN PROGRESS

Udacity - Self Driving Car Engineer Nanodegree Program

May 2018

PUC Minas, Brazil - Industrial Engineering, [Lato sensu post graduation](#)

October 2017

CEFET-MG, Brazil - Computer Engineering, B.S.

December 2012

CEFET-MG, Brazil - Industrial Computer, Technical Level

December 2005

Other Information

Language Skills - Portuguese (native), English (proficient), French (intermediary proficiency)

Business Pre-incubation Program - software development, mostly in PHP, between 2010/10 and 2011/12

Detailed information and work experiences before 2012 - please visit my [Linkedin](#) profile.