

# Carlos Brito Lage

Software Developer

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W <http://carloslage.net/>

## Biographic Data

**Birth date:** May 19<sup>th</sup> 1988

**Nationality:** Portuguese

**Driving License:** Cars and light motorcycles (E.U. Category B and A1)

## Professional Objectives

Working in a dynamic environment, enabling me not only to network with relevant people in my area, but also to develop and enhance my professional and technical skills, allowing me to achieve the growth rhythm I desire and making me feel motivated and ever challenged.

## Summary of Qualifications

- Independent contractor for 4 years in the programming and IT consulting business, with vast knowledge in object oriented programming, Web technologies and a flexible profile, adaptable to the needs of the company;
- Strong knowledge in PHP 5, Java, C++, JavaScript and SQL. Completely at ease with web-related technologies (HTML, XHTML, CSS);
- Accustomed to work in structured environments, with the usage of project management and source control tools;
- Fluent in both English and Portuguese.

## Academic Qualifications

**BSc. in Computer Science — 2006 - 2012 (expected)**

145.5 out of 180 ECTS in a BSc. in Computer Science at *Instituto Superior Técnico* (Campus Alameda), Lisbon, Portugal (<http://www.ist.utl.pt>)

## Technical Skills

**Languages:** PHP5, C, C++, Java, JavaScript, XML, HTML 5, XHTML 1.0/1.1, HTML 4.01, CSS 3, CSS 2, Regex, SQL.

**APIs and Frameworks:** Zend Framework, jQuery, Smarty, Kohana PHP, LibSAPO.js.

**Concepts:** Object Oriented Programming, UML, Design Patterns, Entity-Relationship Diagrams.

**Versioning and project management systems:** SVN, Git, Trac, Redmine.

**Other technologies:** MySQL, PostgreSQL, osCommerce, Magento Commerce.

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## Professional Training

### JavaScript Performance

**Orators:** Thomas Fuchs e Amy Hoy  
**Date:** April 27<sup>th</sup> - April 28<sup>th</sup>, 2010

### SAPO Session - Continuous Integration

**Orator:** Pedro Mata-Mouros Fonseca  
**Date:** September 15<sup>th</sup>, 2010

### SAPO Session - Git

**Orator:** Mário Morgado  
**Data:** September 15<sup>th</sup>, 2010

## Hobbies

I enjoy going to the gym, going out with my buddies, reading books, watching TV and listening to music (especially Jazz).

## Relevant Professional Experiences (from the most recent to the oldest)

**Position:** Consultant

**Entity:** Novabase

**Duration:** November 2009 - Present

### Project's Description:

Currently working as a Developer at SAPO Fotos, a high-availability photo sharing service. No more details are available as of now.

Web address (**Portuguese only**): <http://fotos.sapo.pt>

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**Position:** Senior Web Programming Engineer

**Entity:** Digital Spydere Inc.

**Duration:** October 2007- September 2009

**Project's Description:**

SpyderCart — E-Commerce solution based off of osCommerce written in PHP4, with the ability to stock manage hundreds of thousands of different products, and able to import the product data directly from the suppliers' APIs. Special attention given to the User Interface, in order to optimize the buyer experience.

Web address: <http://www.digitalspyders.com>

**Responsibilities**

- Familiarization with the previously existing code and project documentation, which had been started before I joined the company (and taking in consideration the previous coder was unreachable).
- Plan and implement everything that was left to complete the project.
- Implement the needed solutions to improve the sales results.
- Maintenance and bug-fixing.

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**Position:** Senior Web Programming Engineer

**Entity:** Digital Spydres Inc.

**Duration:** January - September 2009

**Project's Description:**

The development of credit card processing modules for Magento Commerce, for the following gateways (all of them with the 3-D Secure Cardinal Commerce integration): USAePay, Authorize.net, PayPal Payflow Pro e PayPal Web Payments Pro.

**Responsibilities**

- Familiarization with the Magento codebase and architecture.
- Planning and implementing the payment modules in a PCI-Compliant way (more info at the PCI Security Standards Council website: <https://www.pcisecuritystandards.org/>)
- Developing the user interface of the 3-D Secure authentication system with the objective of having the optimal user experience and causing the least possible friction with the checkout process.
- Writing part of the modules' marketing blurbs.
- General maintenance of the modules, bug-fixing and providing tech-support to the customers who bought the modules.

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**Position:** Consultant

**Entity:** Associação Juvenil de Estudos e Comunicação

**Duration:** February - April 2009

**Project's Description:**

Creation of the website for a youth association (Associação Juvenil de Estudos e Comunicação) in relation to the European Commission's program "Youth in Action".

Web address (**Portuguese only**): <http://www.ajec.pt>

**Responsibilities**

- Planning and implementing the website's content management system, in order to allow the association's collaborators to update and modify the site's contents in a easy and as error-free as possible way.
- Supervise the development of the website's design (which was made by a designer contracted by me), keeping in mind that the website must not only cater to a young audience, but also keep the more mature visitors (for example, the kids' parents) interested and informed about the association's activities and goals.
- Integrate the content management system with the website in a completely transparent way to the website's content managers and visitors.
- Optimize the website's interactivity levels in order to provide a pleasant experience to the visitors and transmit them an idea of "youth".

**Position:** Consultant

**Entity:** Pixelminds, Lda.

**Duration:** January - February 2008

**Project's Description:**

Develop a content management system for a pharmaceutical product's website.

Web address (**Portuguese only**): <http://www.norlevo.pt>

**Responsibilities**

- Plan and develop the content management system, following the specifications provided by Pixelminds.
- Work with Pxelminds' designers to integrate the content management system with the website in a completely transparent way to the website's content managers and visitors.