

## PERSONAL INFORMATION

## Luis André Pereira Duarte

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Sex Male | Date of birth 04/02/1979 | Nationality Portuguese

## PREFERRED JOB

## Senior Developer

## WORK EXPERIENCE

01/05/2012–Present

## Senior Developer

Second Floor B.V.  
Beech Avenue 180, 1119PS Amsterdam (Netherlands)  
<http://www.secondfloor.com/>

Part of the development team of Second Floor main product, using agile methodologies.  
Responsible for the development of a solution for Stress testing analysis.

Business or sector Information Technology and Services

17/05/2007–23/04/2012

## Software Engineer

Critical Software S.A.  
Parque Industrial de Taveiro, Lote 48, 3045-504 Coimbra (Portugal)

Requirement analysis.

Technical Documentation Writing.

Implementation of several modules mostly in web applications.

Maintenance and Warranty of several modules.

Business or sector Information Technology and Services

2006–2007

## Software Engineer (Internship)

Instituto Pedro Nunes & Critical Software S.A.  
Parque Industrial de Taveiro, Lote 48, 3045-504 Coimbra (Portugal)

Requirement analysis.

Technical Documentation Writing.

Development of a Web Service for selling satellite images.

Business or sector Information Technology and Services

2004–2005

## Teaching professional

EPTOLIVA Professional School  
Av. 5 de Outubro, Apartado 172, 3400 - 056 Oliveira do Hospital (Portugal)

Teaching of several Information Technology Disciplines.

Business or sector Education

2001

## Computer programmer

Faculty of Psychology and Educational Sciences, University of Coimbra  
Rua do Colégio Novo, Apartado 6153, 3001 - 802 Coimbra (Portugal)

Elaboration of a Psychometric program using OpenGL.

Business or sector Education

**2001 Technical management and systems support**

Faculty of Psychology and Educational Sciences, University of Coimbra  
Rua do Colégio Novo, Apartado 6153, 3001 - 802 Coimbra (Portugal)

Server maintenance.

Software installation.

User support.

Business or sector Education

## EDUCATION AND TRAINING

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**2011 Oracle Certified Professional, Java EE 5 Web Component**

Oracle

Software Development using Java Servlet and JavaServer Pages (JSP) application program interface (API's).

**2009 Sun Certified Programmer for the Java 2 Platform, Standard Edition 5.0**

Sun, Microsystems, Inc.

Software Development using the Java programming language.

**2008 Hands-on Design Patterns**

FEUP - Faculty of Engineering, University of Porto

**2007 Advanced Data Access Development Visual Studio 2005**

Rumos - Training and Communication, SA

**2007 Core Data Access Development Visual Studio 2005**

Rumos - Training and Communication, SA

**2007 INOV-GEST - Young Entrepreneurs for the Management and Innovation in SMEs**

Pedro Nunes Institute – Association for Innovation and Development in Science and Technology

Knowledge in Marketing, Technical Innovation, International Negotiation, Business Planning and Business Management.

**2005 Certification in Professional Training**

Instituto de Emprego e Formação Profissional

Knowledge in Professional Training.

**2004 Bachelor in Computer Engineering and Systems**

Institute of Engineering of Coimbra

Programming using several languages, programming and administration of Oracle Databases, Computer Graphics, planning and administration of Computer Networks.

## 1997 Computer Technology Course

High School D. Dinis

General knowledge in Information Technologies.

### PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
Common European Framework of Reference for Languages

Computer skills

Programming in several languages: C, C + +, C #, NET, Java, HTML, ASP, JavaScript;  
Frameworks: J2EE, GWT, JPA, Hibernate, Spring, Ext JS;  
Knowledge of database: SQL, Oracle PL/SQL, Power Designer, Power Builder, Oracle administration;  
Knowledge of Computer Graphics: AutoCad, 3DStudioMax, Blender, OpenGL, Unity;  
Knowledge of: Office, Windows, Linux.

Driving licence B

### ADDITIONAL INFORMATION

Linkedin: <http://pt.linkedin.com/pub/andr%C3%A9-duarte/3/9b1/541>

Behance: <http://be.net/andreduarte>

Projects eFrame®:

#### Business Sector: Insurance/Finance

eFrame® automates the collection and validation of data from across the organisation for regulatory and management reporting and improved insight into risk. It works with a firm's existing systems to create a repeatable process that lightens the administrative burden, ensures excellent governance, and produces accurate, auditable reports that senior management and regulatory supervisors can trust.

#### Individual Accomplishments and Results:

Participated in the development of the product following agile methodologies.

Responsible for the development of a solution for Stress testing analysis.

Improved Java oriented skills working with several technologies and took two IBM Cognos certifications during this period. Consolidated knowledge related to software development using agile methodologies.

#### Technologies:

eFrame currently incorporates a wide variety of technologies between them, Java, Hibernate, Spring, JSP, Ext-JS, Tomcat, Jasper Reports, Spring, JDBC, Oracle, Microsoft SQL Server, Microsoft Excel, Maven and IntelliJ IDEA, among others.

## Projects

### **Segurnet:**

#### **Businesssector: Insurance**

Segurnet is a communication platform for the insurance industry. Its objective is to overcome shortcomings in communication between the various operators who are active in this sector, boosting a collaborative model of development activity. Although, in initial phase, the applications provided were intended for the automotive sector, new features have been progressively developed in other fields or areas, with high adhesion by insurance operators.

Currently, the platform assumes a nationwide coverage, constituting a key link between the various partners. Using universal internet technologies and enhanced by the J2EE platform and Oracle, Segurnet allows the placement of information between different systems that powers today's insurers.

#### **Individual Accomplishments and Results:**

Participated in several software development phases like: requirement analysis, design, technical writing, implementation and maintenance of several projects in the scope of segurnet.

Improved Java oriented skills working with several technologies and took two java certifications during this period (SCJP and SCWCD).

#### **Technologies:**

The Segurnet currently incorporates a wide variety of technologies between them, Java, J2EE, JPA, EJB3, JSP, GWT, GWT-Ext, JBoss, Birt, Spring, JDBC, Oracle, Maven 2 and IntelliJ IDEA, among others.

## Projects

### **Energis:**

#### **Business Sector: Renewable Energy**

Energis is a distributed SCADA (supervisory control and data acquisition) system built to collect process and analyse information retrieved from renewable energy production parks (e.g. wind farms and mini hydro centrals). The system was composed by several components including a web application developed in ASP with AJAX functionalities, a set of batch applications developed in Java for collecting and synchronizing data. All this based on multiple distributed Oracle databases.

#### **Individual Accomplishments and Results:**

Participated in several software development phases like: requirement analysis, design, technical writing, implementation and maintenance.

Improved C#, AJAX skills and learnt other web frameworks (AJAX Control Toolkit, web controls).

Improved C# skills in code structure.

Worked with tools (MyGeneration) to automatically create NHibernate mappings via an existing Oracle database. Worked with NHibernate and developed in HQL.

#### **Technologies:**

Energis incorporates a wide variety of technologies between them, .NET framework, ASP, AJAX Control Toolkit, C#, NHibernate, Java, JDBC and Oracle, Visual Studio 2005.

## Projects

### **PREMSSE:**

**Business Sector: Aerospace**

PREMSSE is a web-service which was integrated in the ESA website. It was developed using some tools provided by ESA to run scripts in XML format that were responsible for treating and generate SOAP messages, thus providing a communication link with ESA website. It has also developed a java application that supported the processing of incoming and outgoing messages.

**Individual Accomplishments and Results:**

Wrote several technical documents following specifications delivered by ESA.

Implemented a solution using a custom tool provided by ESA and a java application developed internally.

**Technologies:**

PREMSSE was built using various technologies including, XML, XSLT, Java, Eclipse, Tomcat among others.

**Projects****OpsicoGL:****Business Sector: Psychomotor R&D**

OpsicoGL is a tool developed for research into psycho-motor area in freelancer regime. It consists of a Windows program developed in C with the graphics in OpenGL which features geometric shapes with the size controlled by the user. The measures of the geometric shapes were stored in a text file for later analysis.

**Individual Accomplishments and Results:**

Worked as a freelancer directly with a client, being responsible for all project phases: requirement analysis, design, implementation, testing and maintenance.

**Technologies:**

OpsicoGL was built using Visual Studio 6, C and OpenGL.