

PERSONAL INFORMATION

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Nationality	Portuguese
Date of birth	31.12.1980

WORK EXPERIENCE

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| <ul style="list-style-type: none">• Dates• Name and address of employer• Type of business or sector• Occupation or position held• Main activities and responsibilities | <p>From September 2007 to date</p> <p>TecMinho – Associação Universidade Empresa para o Desenvolvimento
Campus de Azurém da Universidade do Minho.
Continuing Education, Technology Transfer and Entrepreneurship.
Programmer, Web programmer.</p> <p>Continue the tasks for the new TecMinho's Web Portal, including bug fixes and new features.
Collaborate in the m-Learning project from TecMinho.
Develop software to fulfill some of the TecMinho's informatics needs.
<i>Involved technologies: Python, Gecko (Firefox Framework), NSIS (Nullsoft Script Installation System), php, postgresql, javascript, AJAX e J2ME (MIDP2).</i></p> |
| <ul style="list-style-type: none">• Dates• Name and address of employer• Type of business or sector• Occupation or position held• Main activities and responsibilities | <p>From September 2006 to August 2007 (Professional Internship Program of 12 months)</p> <p>TecMinho – Associação Universidade Empresa para o Desenvolvimento
Campus de Azurém da Universidade do Minho.
Continuing Education, Technology Transfer and Entrepreneurship.
Programmer, Web programmer.</p> <ul style="list-style-type: none">• The objective of this internship was the development of an authoring tool that allows the conception of e-Learning contents to be applied to training courses. These contents can be used to create a new course in a Moodle platform.
<i>Involved technologies: Python, Gecko - Mozilla Firefox Framework, NSIS - Nullsoft installation System.</i>• At the same time I was developing the new Web Portal of TecMinho that aggregates all TecMinho's departments (Continuing Education, Technology Transfer and Entrepreneurship). The new Web Portal requirements analysis was done previously as described in the work experience entry below.
<i>Involved Technologies: PHP, PostgreSQL, JavaScript and AJAX.</i> |
| <ul style="list-style-type: none">• Dates• Name and address of employer• Type of business or sector• Occupation or position held• Main activities and responsibilities | <p>From April 2006 to August 2006</p> <p>TecMinho – Associação Universidade Empresa para o Desenvolvimento
Campus de Azurém da Universidade do Minho.
Continuing Education, Technology Transfer and Entrepreneurship.
Web programmer.</p> <p>Code and future add-ons analysis of the existing TecMinho's e-Learning Web Portal so code improvements could be made allowing the future add-ons to be more easily developed and integrated. The main propose of this analysis was the development of a new TecMinho's Web Portal that integrates all the departments (Continuing Education, Technology Transfer and Entrepreneurship), offering new functional features such as a CMS (content managing system).
<i>Involved Technologies: PHP, PostgreSQL, JavaScript and AJAX.</i></p> |

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From September 2005 to January 2006

Department of Information Systems, University of Minho, Portugal

Research and Development

Software Developer / Programmer.

Continuing the work of the course final project.

Development of content's visualization applications and its communication mechanisms between the portal and the applications. These applications were developed in Java, C and C#. JNI and Win32 messages were also used for inter-process communication.

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From March of 2005 to September of 2005

Department of Information Systems, University of Minho, Portugal

Research and Development

Software Developer / Programmer.

This project was the course final project, which involved two main areas:

-System Administration:

Installation and setup of the machines that support the Situated Portal project.

- Developer / Programmer:

Development of the communication protocol between the Portal and the Applications. The protocol was developed using Java and Servlets.

Development of a test tool to facilitate the tests made to an application. The test tool it is used to test only the applications that uses a Data Space, in this project the Data Space used was the Equip4j.

The course final project grade was 15.

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July – August 1999

SCORI – Electrónica e Informática

Guimarães - Portugal

Computer and accessories store.

High School internship (Non paid)

Auxiliary technician

Help the store technician on what he needed and some times help in the store chores as well.

This job wasn't an official High School internship since it was I who ask to the store owner if I could "work" there while I was waiting to know if I was accepted at University or not.

EDUCATION AND TRAINING

• Dates • Name and type of organisation providing education and training • Principal subjects/occupational skills covered • Title of qualification awarded • Level in national classification	2007 TecMinho, Guimarães – Portugal. Continuing Education, Technology Transfer and Entrepreneurship. Pedagogical learning methods. Learning evaluation methods. Educator / Tutor 83,3 (0 - 100) 4 (0 - 5)
• Dates • Name and type of organisation providing education and training • Principal subjects/occupational skills covered • Title of qualification awarded • Level in national classification	1999 - 2005 Universidade do Minho, Braga, Portugal. University. System analysis, Computer Communications (Networking), Programming, Mathematics and Physics. IT – Information's technology Degree in Systems Engineering (Informatics Engineering) <i>Prior to Bologna Treaty (5 years)</i> 13
• Dates • Name and type of organisation providing education and training • Principal subjects/occupational skills covered • Title of qualification awarded • Level in national classification	1995 - 1999 Escola Secundária da Veiga, Guimarães – Portugal High School. Programming, Mathematics and Physics. High School graduate. 14.10

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE

PORTUGUESE

OTHER LANGUAGES

ENGLISH

Excellent

• Reading skills

Good

• Writing skills

Good

• Verbal skills

French

Basic

• Reading skills

Basic

• Writing skills

Basic

• Verbal skills

**SOCIAL SKILLS
AND COMPETENCES**

Participation on amateur swimming tournaments at the ending of swimming school trimesters between 1994 and 1995 and organized by Bombeiros Voluntários de Guimarães swimming pool in Guimarães – Portugal.

Participation on musical concerts at annual school ending festivities between 1991 and 2000 and organized by Sociedade Musical de Guimarães in several city museums (different each year) in Guimarães – Portugal.

Participation on University's graduate blessing ceremony organization this year (2004) in Braga – Portugal.

**ORGANISATIONAL SKILLS
AND COMPETENCES**

Creation and organization of a project team to elaborate an Information System and Website for the Museu da Emigração, Comunidades e Luso-descendentes museum in Fafe – Portugal.

**TECHNICAL SKILLS
AND COMPETENCES**

Great skills on the most known programming languages such as Haskell, C, Java, Prolog, UML, PHP, HTML, Visual Basic, SQL, OpenGL, Win32, XML, Flash, ActionScript (Flash code), J2ME MIDP, C#, Python.

Good acknowledgment on Relational Data Bases as Oracle, Informix, MySql and PostgreSQL.

Great know-how in hardware level.

Great know-how on several Operating Systems such as Microsoft Windows (9X, Me, 2000/XP) and Linux from installation to configuration and use.

Good acknowledgment on computer networks on Linux and Windows 2000/XP.

**ARTISTIC SKILLS
AND COMPETENCES**

Study of classic organ at the *Sociedade Musical de Guimarães* music school since 1991 to 2000, year that I went to University.

**OTHER SKILLS
AND COMPETENCES**

Capability of easily work with almost all types of personal computers, even if I don't have a big experience with Macintosh.

Good acknowledgement on Microsoft Office (Word, Excel, Access and Power Point).

DRIVING LICENCE(S)

Yes.

PROJECTS

Some projects that were done for some University subjects:

Elaboration of a 3D model (.obj) viewer application using C and OpenGL. This project had the objective of show the use of the *View Frustum Culling* optimization technique and it was made for the Multimedia subject and we had a classification of 18 on this project.

Development of an application for managing a computer equipment store using Data Bases, PHP and Visual Basic .NET 2003. This project has authentication, a receipt generation option using Microsoft Crystal Reports and all the other operations that must be available for this kind of application. The project was developed for the Data Bases subject and it classification was a 17.

For System Administration 1 class I have done an unattended Windows XP installation with some other applications such as Active Perl and Adobe Acrobat Reader all completely installed without user interaction and for System Administration II class I have done a research on Rembo Toolkit 2.0 which is an OS image server manager that can be used for downloading OS images at computer's boot time. On this two projects I got a classification of 16.

As University's final project, it was made an Information System and Website for the Museu da Emigração, Comunidades e Luso-descendentes museum using PHP and MySQL. I achieved a classification of 16.

I've done a second final project using Flash (ActionScript), PHP and MySQL for APPC and It's a learning application which the teachers or parents can use with their children. The application has several tools such as filling sentences blanks using a list of hypotheses, games, etc. On contrary of the first final project, this one it's really to be used at APPC to help special people to learn how to communicate, so it was more demanding once that we had to pay extra attention how to display information and all sort of details that we wouldn't think with the first final project. This project was graded 17.

PRESENTATIONS

On these five years of University I went to some presentations such as the Voice and Video Architecture with Data Integration Workshop from CISCO Systems (Only the talked part of the presentation).

Participation on the Jornadas da LESI 2002 about "Systems, Security and Mobility" organized by University's Computer Engineering course in Universidade do Minho, Braga – Portugal.

PERSONAL INTERESTS

Outside University I've developed some projects mostly OpenGL programs and demos, but also a C/C++ Library for work with generic linked lists (like the Java Vector class). Some of those projects that I think they achieved an utility level for some one else I've put them on my homepage (www.home.no/uematsuhome) and can be found under Projects section or Downloads.

In my free time I like going to the movies with friends, swimming, listen to music and play / code computer games.