



Europass-Curriculum Vitae

PERSONAL INFORMATION

Name
Address
Postal Code
City
Country
Telephone
Mobile
Fax
E-mail
Personal Web Page
Identity Card
Nationality
Date of Birth
Birth-Place
Parents
Marital Status

MARTINS, Fernando Manuel Magalhães

**2670 - 403 Loures
Loures
Portugal**

fmmm@fernando-martins.eu
<http://www.fernando-martins.eu>

**Portuguese
16 August 1969
Mozambique
João Martins and Rosa da Silva Magalhães
Single**



WORK EXPERIENCE

- Dates (from – to)
 - Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
-
- Dates (from – to)
 - Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
-
- Dates (from – to)
 - Name and address of employer

SINCE MARCH 2010

Sociedade Portuguesa de Reumatologia
Av. de Berlim, 33 B
1800-033 Lisboa
Medical Research
Senior System Analyst

Analysis, programming, installation and maintenance of medical applications. These applications are being developed using the ASP.NET platform, HTML5, JavaScript and CSS. The database management system is SQL Server.

FROM FEBRUARY 2008 TO FEBRUARY 2010

Instituto de Medicina Preventiva
Faculdade de Medicina de Lisboa
Av. Prof. Egas Moniz
1649 – 028 Lisboa
Medical Research
Senior System Analyst

Analysis, programming, installation and maintenance of medical applications. These applications were developed in VB.NET and ASP.NET, using the SQL Server DBMS.

FROM JANUARY 2006 TO FEBRUARY 2008

Accenture Technology Solutions

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

Av. Eng. Duarte Pacheco, Torre 1 – 16.º Piso
1070-101 Lisboa

Consulting, analysis and development of computer systems and applications
Senior System Analyst

Analysis and programming in the context of a stock markets application named SGAF – Sistema de Gestão de Activos Financeiros (Financial Assets Management System), installed in July 2005 at the Portuguese bank named CGD - Caixa Geral de Depósitos. This application was developed in COBOL II and CICS for the MVS operating system, using the DB2 DBMS.

- Dates (from – to)

- Name and address of employer

FROM FEBRUARY 1998 TO FEBRUARY 2005

Mercabolsa - Estudos e Aplicações Informáticas
Av. Eng. Duarte Pacheco, Torre 1 - 4.º Piso - Sala 10
1070 - 101 Lisboa
Portugal

Consulting, analysis and development of computer systems and applications
Computer Programmer Analyst (CPA)

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

My main activities were the analysis, development, installation and maintenance of the application named CAF - Controlo de Activos Financeiros (Financial Assets Control), developed in Java and COBOL / 400 for the AS / 400 operating system, using the DB2 / 400 DBMS. The CAF application has as objective the integrated management of the financial products related to the stock markets and made available by banking institutions.

In parallel, beginning in the last quarter 1998 and along half a year, I was the technical and functional responsible for another team. This other team has done, at the Portuguese bank named CGD - Caixa Geral de Depósitos, the final adaptations of another version of CAF - a version developed in COBOL and available for the MVS operating system. At CGD, the CAF application has started its working operation in March 1999.

Concerning the version of CAF developed in Java for the AS / 400 operating system, I was the technical and functional responsible for the team that developed it. This same team has done, at the Portuguese bank named BPN - Banco Português de Negócios, the adaptations to the client needs. This new version of CAF has started its working operation at this first client in February of 2000, having I remained in BPN until November of 2001 performing CAF maintenance tasks and adding new features to it.

Later, this version of CAF it was also acquired by two other Portuguese banks, namely, BANIF - Banco Internacional do Funchal and BCA - Banco Comercial dos Açores. I was the technical and functional responsible for the team that has done the adaptations to the needs of this two new clients. The CAF application has started its working operation in March of 2004 at BANIF and April of 2004 at BCA, having I remained in the above-mentioned clients until February of 2005 performing CAF maintenance tasks and adding new features to it.

- Dates (from – to)

- Name and address of employer

FROM JULY 1994 TO NOVEMBER 1997

Banco Nacional Ultramarino
Av. 5 de Outubro, n.º 175 - 8.º
1069 - 307 Lisboa
Portugal

Banking
Computers programmer

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

Analysis and programming in the context of a stock markets application named CAF - Controlo de Activos Financeiros (Financial Assets Control), acquired in

September 1994 by BNU. This application was developed in COBOL II and CICS for the MVS operating system, using the DB2 DBMS. Therefore, these were the main technologies that I used along these three years and two months.

EDUCATION AND TRAINING

- Dates (from – to)
- Identification of the course
- Name of the institution that provided education and training
- Principal subjects/occupational skills covered

- Title of qualification awarded
- Level in national classification (if appropriate)

- Dates (from – to)
- Identification of the course
- Name of the institution that provided education and training
- Principal subjects/occupational skills covered

- Title of qualification awarded
- Level in national classification (if appropriate)

- Dates (from – to)
- Identification of the course
- Name of the institution that provided education and training
- Principal subjects/occupational skills covered

FROM SEPTEMBER 2008 TO SEPTEMBER 2011

Mestrado em Bioinformática e Biologia Computacional
FCUL - Faculdade de Ciências da Universidade de Lisboa
(Faculty of Sciences at the University of Lisbon)

This master course allowed me to acquire additional training in the areas of interface between Life Sciences and Technologies of Information and Computing. My master's thesis was entitled "In silico analysis of miRNA promoters".

Master in Bioinformatics

18 values

FROM SEPTEMBER 1995 TO JUNE 1997

Curso de Especialização em Informática
FCUL - Faculdade de Ciências da Universidade de Lisboa
(Faculty of Sciences at the University of Lisbon)

This specialization course in Computer Science, attended as student worker, corresponded to the curricular part of the Master's degree in Computer Science at FCUL and included several branches of Computer science, such as: Artificial Intelligence, Graphic Interaction and Virtual Reality, Digital Publication, Information Systems, Computer Networks Security, Data Networks Protocols, Neurocomputing and Neurodynamics.

Computer Science's specialist

16,5 values

FROM SEPTEMBER 1989 A JUNE 1994

Licenciatura em Informática
FCUL - Faculdade de Ciências da Universidade de Lisboa
(Faculty of Sciences at the University of Lisbon)

This graduation in Computer Science was constituted by an academic component (with duration of 4 years) and by a professionalizing period of training (with duration of 1 academic year).

The academic component, besides subjects of other scientific areas, included subjects related to several branches of Computer Science, such as: Programming Languages, Databases, Computer Networks and Systems, Artificial Intelligence and Graphics Computation.

In the context of the subjects related to the Computer Science area, I acquired, among others, the following knowledges:

• Operating Systems

UNIX, MS-DOS and WINDOWS (Basic use of the systems)

• Programming Languages

C, PASCAL, LISP, PROLOG, EIFFEL (object oriented programming language) and Oracle Pro*C (SQL commands wrapped up in a C program, for the relational DBMS Oracle)

• Programming of UNIX Distributed Applications

Inter Process Communication mechanisms developed by Berkeley University (IPC - BSD), Client / Server Model using the TCP/IP and UDP/IP protocols,

- Title of qualification awarded
- Level in national classification (if appropriate)

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

and the Remote Procedure Calls system developed by SUN-Microsystems (RPC - SUN)

• **Techniques of Information Systems Design and Analysis**

Data Flow Diagrams (DFDs), Structure Diagrams (SDs), Entity/Relationship Model (ERM), Entities Life Cycle (ELCs) and State Transition Diagrams (STDs)

The final period of training was carried out at the Portuguese bank named, by that time, BNU - Banco Nacional Ultramarino, where I accomplished the analysis and design of an application related to the stock market operations. Immediately after graduation, I was hired by BNU.

Graduated in Computer Science

14,4 values

In 1994, still during the professionalizing period of training at BNU, I attended some courses at the Portuguese IBM Company, on which I learned how to use the MVS operating system (Basic use of the system, TSO and CLIST). On these courses I also learned how to develop applications using the DB2 DBMS (Applications and SQL Performance).

In October 1994, as a BNU employee, I attended a course about the COBOL programming language, carried out by DATINFOR Formation Services.

In February 1998, as a Mercabolsa employee, I attended the course SL-276 of SUN Microsystems about the Java programming language, carried out by RUMOS.

In March 1998, as a Mercabolsa employee, I attended a course at Portuguese IBM Company about the Visual Age for Java programming tool.

In May of 2005, running on my expenses, I attended the course SL-275 of SUN Microsystems about the Java programming language, carried out by CrossRoads.

Still to report that I also used the Java programming language in the context of some personal and academic projects related to the specialization course carried out at the Faculty of Sciences. In the context of all projects developed using the Java programming language along seven years, I used, among others, the following technologies:

- JDBC – Java Database Connectivity
- RMI – Remote Method Invocation
- JSP – Java Server Pages
- Servlets
- CORBA Internet InterORB Protocol (IIOP)
- Object Management Group Interface Definition Language (OMG IDL)
Interface designed so that, independently from the programming language, could be possible to specify operational interfaces (according to the CORBA specifications) for distributed applications.
- EAI – External Authoring Interface
Interface designed to interact with VRML browsers (Virtual Reality Modeling Language)

In a self-taught way I acquired, among others, the following computer skills:

- HTML - HyperText Markup Language
- CSS - Cascade Style Sheets
- JavaScript
- Visual Basic

I've two years of programming experience in this language, obtained from academic projects.

- VB.NET / ASPX

I've two years of programming experience in this language, obtained from industrial projects.

- JCL – Job Control Language

I've three years of programming experience in this language, obtained from industrial projects.

- AS/400 CL – Control Language

I've six years of programming experience in this language, obtained from industrial projects.

MOTHER TONGUE

PORTUGUESE

OTHER LANGUAGES

*Self-assessment
European level (*)*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
B1	Independent user	B1	Independent user	A2	Basic user	A2	Basic user	B1	Independent user

(*) [Common European Framework of Reference for Languages](#)

**SOCIAL SKILLS
AND COMPETENCES**

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

Only to point out the fact that, along my childhood in Mozambique, I was a member of a choral group and I practiced handball and swimming. I'm practicing tennis.

**ORGANIZATIONAL SKILLS
AND COMPETENCES**

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

From September 1998 to February of 2005, at the several working places, I was the technical and functional responsible for the teams on which I was integrated. Therefore, it was my duty to elaborate, distribute and to co-ordinate the tasks performed by the members of my teams and I also had to follow the project's evolution.

**TECHNICAL SKILLS
AND COMPETENCES**

With computers, specific kinds of equipment, machinery, etc.

Only to point out the fact that, in the context of my professional activities, I used several computer applications, such as, MS Word, MS Excel, MS Power Point, Visual Age for Java, NetBeans, Endeavor, ALDON, Client Access, several 3270 and 5250 terminal emulators, etc.

**ARTISTIC SKILLS
AND COMPETENCES**

Music, writing, design, etc.

Nothing to point out.

**OTHER SKILLS
AND COMPETENCES**

Competences not mentioned above.

Nothing to point out.

DRIVING LICENCE(S)

- License Number
- Emitting Entity
- Category(s) of Vehicle(s)

DGV – Lisbon (Portugal)

Category B vehicle (passenger vehicle with small goods vehicle)

ADDITIONAL INFORMATION

Nothing to point out.

ANNEXES

Without annexes.