

Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) **Rentes, Miguel Luís da Silva**
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4445-524 Ermesinde, Portugal
Telephone(s) +351 965 386 182
Email(s) miguel.rentes@gmail.com
Nationality(-ies) Portuguese
Date of birth 29th April 1982
Gender Male

Desired employment/ Occupational field

**Software Development/Engineer
Unix/Linux Systems Administration**

Work experience

Dates	Since October 2006
Occupation or position held	Software Engineer (cat. IB)
Main activities and responsibilities	C, C++, Java, OSF/Motif Programming and shell scripting (<i>bash/ksh</i>). Unix/Linux Systems Administration (namely HP-UX 11i, Compaq Tru64 and Red Hat EL). Version control systems support (namely <i>Subversion</i>).
Name and address of employer	Efacec Engenharia, SA – Apartado 3078, 4471-907 Moreira da Maia
Type of business or sector	Information technologies and Electronics, Telecommunications
Dates	From September untill September 2006
Occupation or position held	Software Developer
Main activities and responsibilities	Programming an application for customs control management, using Java (framework <i>Struts</i>), SQL, WebLogic 8.2 and data modelling in COOL:Biz 5.0.
Name and address of employer	Indra Sistemas SA – 151 José Falcão Street, 4050-317 Porto
Type of business or sector	Information technologies
Dates	From March 2005 untill September 2005
Occupation or position held	Scholarship Researcher
Main activities and responsibilities	Programing a module for FEUP's RoboCup team in SONY's 4 legged league, while in FEUP's curricular traineeship.
Name and address of employer	FEUP (<i>Faculty of Engineering of University of Oporto</i>) – LIACC (<i>Artificial Intelligence and Computer Science Laboratory</i>) – Dr. Roberto Frias Street, 4200-465 Porto
Type of business or sector	Scientific investigation
Dates	From September 2004 untill November 2004

Occupation or position held
Main activities and responsibilities
Name and address of employer
Type of business or sector

Assistant monitor

Supporting 1st grade students learning in the following degrees: Informatics Engineering and Computation, and Mines and Metallurgy Engineering; reviewing program contents in Mathematics for engineers inserted in project *SOAP – MAFIQUI*.
FEUP (*Faculty of Engineering of University of Oporto*) – Dr. Roberto Frias Street, 4200-465 Porto
Education

Education and training

Dates
Title of qualification awarded
Principal subjects/Occupational skills covered

Name and type of organisation providing education and training
Level in national or international classification

From October 2008 until March 2009

M.Sc. in Informatics Engineering

Knowledge and expertise in the following areas: software engineering, computer programming, algorithms and data structures, computer architectures, 2D/3D graphics computation, digital systems, data communication networks, computer networks, distributed systems, calculus and numerical analysis, physics, database management and information systems, operating systems, compilers, operational research, artificial intelligence, logistics and economics.

FEUP (Faculty of Engineering of University of Oporto) – Education

15 points out of 20

Dates
Title of qualification awarded
Principal subjects/Occupational skills covered

From October 2000 until February 2005

Licenciatura in Informatics Engineering

Knowledge and expertise in the following areas: computer programming, algorithms and data structures, computer architectures, 2D/3D graphics computation, digital systems, data communication networks, computer networks, distributed systems, calculus and numerical analysis, physics, database management and information systems, software engineering, operating systems, compilers, operational research, artificial intelligence, logistics and economics.

FEUP (Faculty of Engineering of University of Oporto) – Education

14.1 points out of 20

Name and type of organisation providing education and training
Level in national or international classification

Dates
Title of qualification awarded
Principal subjects/Occupational skills covered

From April 2006 until June 2006

Certificate of Professional Aptitude

Formator (teacher) by IEFPP (*Professional Formation and Employment Institute*) in July 2006

Formaconde – Professional Formation

Excelent - 18 points out of 20

Name and type of organisation providing education and training
Level in national or international classification

Personal skills and competences

Mother tongue(s)
Other language(s)

*Self-assessment
European level^(*)*

English
French

Portuguese

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C1	C2
B1	C1	B1	B1	B1

^(*) Common European Framework of Reference (CEF) level

Social skills and competences

- Coordinator and Reviewer for online programming magazine PROGRAMAR - since 2008
- RoboCup (robotic football world cup) participation in July 2005 held in Osaka, Japan during curricular traineeship at FEUP
- Formation certificate (30 hours) obtained in September 2004 during project SOAP-FEUP/MAFIQUI at FEUP
- ACM-SWERC programming contest participation in March 2003
- ACM member since 2002
- IEEE member since 2002
- SPM (*Portuguese Mathematical Society*) member since 1999

Organisational skills and competences

I am an Informatics Engineer which involves working with different teams in various work projects in order to achieve specific but important tasks in the best and the most proficient possible way

Technical skills and competences

- Profound knowledge in Unix/Linux and Windows Server Systems Administration, wired and wireless networks, based on TCP/IP (v4 and v6).
- Excellent know-how on RDBMS (Oracle, MySQL and PostgreSQL), namely on an administration level.
- Profound knowledge in firewalls, VPNs, IDS mechanisms, alarmistic systems, and log management systems.
- Profound knowledge and practice in the following languages/programming environments:
 - * **Programming languages:** C, C++, Java, Perl, Python, JavaScript, PL/SQL (Oracle, MySQL and PostgreSQL), HTML, XHTML, PHP, CSS, XML, Shell Scripting (bash, ksh and csh), Prolog and ARM Assembly
 - * **Modelling languages:** UML 2
 - * **Professional text processing languages:** \LaTeX
 - * **Development/debugging environments:** Eclipse (+CDT), Sun NetBeans, Visual Studio 2005, Emacs, Vi (+make), Gdb and Valgrind
 - * **Operating systems:** *Unix* (HP-UX 11i and Compaq Tru64), *Linux* (Red Hat EL4, Fedora 6, Debian and Ubuntu), *Windows* (MS-DOS, NT, 2000 and XP)
 - * **Graphical programming language:** *LabView*

Other skills and competences

BTT bikes supporter and photographer in spare times

Driving licence(s)

Portuguese drivers license, Category B vehicles only

Additional information

Interests in professional and amator sports, professional photography, astronomy, cinema, music, airplane modelling and sketching. References available upon request.