



Europass Curriculum Vitae

Personal information



First name(s) / Surname(s) **Duarte Sérgio Ramalho Barbosa**

Address Oeiras - Lisboa (Portugal)

Telephone(s) (+351) 214210862

Mobile | (+351) 934865592

E-mail(s) duarte.barbosa@ist.utl.pt

Nationality Portuguese

Date of birth 14 January 1990

Gender Male

Desired employment / Occupational field

Computer Science - Software Developer

Work experience

Dates October 2010 →

Occupation or position held Intern at the Communications, Network and Mobility Group (CNM)

Main activities and responsibilities Developing and testing a real-time Linux Kernel solution for the Mia-Vita Research Project.
Developing of various monitoring software platforms.

Name and address of employer INESC-ID

Type of business or sector

Dates August 2011 →

Occupation or position held Choral Singer - Bass voice

Name and address of employer Coro de Câmara de Lisboa

Dates June 2010 →

Occupation or position held Freelance Developer

Main activities and responsibilities Developer for various kinds of technologies comprising mainly Web and Information Systems

Name and address of employer

Dates September 2009 - June 2010

Occupation or position held Musical Instrument Demonstrator

Main activities and responsibilities Demonstrate a varied array of Instruments ranging from Wind (Brass) to Keyboards or Electric Guitars. Musical Instrument Technician.

Name and address of employer O Maestro, Lda

Dates 2005 →

Occupation or position held Guest Musician

Main activities and responsibilities Guest Musician in both live and studio environments

Name and address of employer

Education and training

Dates	September 2011 →
Title of qualification awarded	Information Systems and Computer Engineering (MSc)
Principal subjects / occupational skills covered	Major: Distributed Systems Minor: Embedded Systems
Name and type of organisation providing education and training	Instituto Superior Técnico - Universidade Técnica de Lisboa
Dates	September 2008 →
Title of qualification awarded	Student of Information Systems and Computer Engineering (BSc)
Name and type of organisation providing education and training	Instituto Superior Técnico - Universidade Técnica de Lisboa
Dates	September 2010 →
Title of qualification awarded	Chant Course
Principal subjects / occupational skills covered	Chant Musical Formation Opera Atelier / Choir
Name and type of organisation providing education and training	Escola de Música Nossa Senhora do Cabo, Private Music Conservatory
Dates	September 2005 - July 2008
Title of qualification awarded	Secondary Education
Name and type of organisation providing education and training	Escola Secundária Stuart Carvalhais, Public High school
Level in national or international classification	14 of 20 values
Dates	September 2004 - June 2010
Title of qualification awarded	Trombone Course
Principal subjects / occupational skills covered	Instrument - Trombone Musical Formation Choir / Ensemble / Orchestra
Name and type of organisation providing education and training	Escola de Música Nossa Senhora do Cabo, Private Music Conservatory

Personal skills and competences

Mother tongue(s) **Portuguese**

Other language(s)

Self-assessment
European level (*)

English
Spanish / Castilian
French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
A2	Basic User	A2	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) [Common European Framework of Reference \(CEF\) level](http://europass.cedefop.europa.eu)

Social skills and competences Attended BEST course in "Art = Science²" (2011)

Organisational skills and competences	<p>Member of a finalist group in the business strategy competition game organized by SDG and Accenture.</p> <p>Mentoring entry level Students at IST (2009 - 2011)</p>
Technical skills and competences	<p>Hardware Technician (3 levels - 30 hours course), NHK (2006)</p> <p>Attended Athens Programme Course in "Web Search" at Telecom ParisTech (20 hours - 2012)</p> <p>Knowledge in various types of Embedded Systems and Microprocessors Architectures (both RISC and CISC) comprising pipelining and multi-core solutions.</p>
Computer skills and competences	<p>Advanced skills in *nix environments.</p> <p>Main Programming Languages: C and Java</p> <p>Other known Programming, Scripting, Markup and Database Querying Languages: C++, x86 Assembly, Lisp, Scheme, Bash Scripting, Javascript, Basic, HTML, SQL, C#</p> <p>Vast Knowledge in Compilers and Operating Systems Design.</p> <p>Proficient use of Microsoft Windows systems.</p> <p>Experience in Real-Time Systems.</p>
Artistic skills and competences	<p>Workshops on Jazz with Mário Laginha (2008, 2009).</p> <p>Courses of Choral and Polyphonic Direction (2007, 2008).</p> <p>Played in a Filarmonic Band for over nine years.</p>
Other skills and competences	<p>"How to make a Videoclip" course (16 hours - 2005)</p> <p>Attended ENEI 2010 held in Coimbra.</p> <p>Attended Microsoft TechDays 2009 held in IST - Taguspark.</p> <p>Attended various TEDx conferences.</p> <p>Attended Domotics Courses by DOMATICA Global Solutions</p>
Driving licence(s)	B
Additional information	<p>Debian Sid User</p> <p>Open Source Proud User and Developer</p> <p>Music Lover</p> <p>Hobbies: a good book; travel; logic; algorithms; optimization; Linux Kernel; swimming; laughing and eating! :)</p>