

# Jorge Azevedo

## *Electronics Engineer*



**Availability:** July 2013 onwards

**Looking for:** Real-Time Linux

Embedded Systems Development

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## Personal Information

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FULL NAME	Jorge Manuel Coelho Amado de Azevedo
ADDRESS	Rua Bartolomeu Dias, 210, 4450-587 Matosinhos, Portugal
DATE OF BIRTH	15th October 1987
AGE	25
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XING	Jorge Azevedo

## Experience

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UNISOL Universidade de Aveiro, Portugal

MAR 2012 - PRESENT **Researcher**

DESCRIPTION      Research grant for the UNISOL project.  
Development of datalogging infrastructure.  
Embedded control system prototype.  
Deployment and administration of a MATLAB computational cluster,  
OpenStack cloud computing environment.

Xenomai Lab [www.xenomailab.org](http://www.xenomailab.org)

JAN 2011 - PRESENT **Software Engineer**

DESCRIPTION      Principal developer and maintainer of the Xenomai Lab platform.

JAN 2012 - PRESENT **Master Thesis Colaborator**

DESCRIPTION	<p>Technical coordinator for several student master thesis</p> <p>Sep 2012 - Present</p> <p>TODO.</p> <p>Jan 2012 - Dez 2012</p> <p>"Adaptive Control Algorithms using Xenomai Lab".</p>
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## Publications

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SEPTEMBER 2012	Xenomai Lab - A Platform for Digital Real-Time Control
IN	INFORUM 2012 Proceedings

## Education

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2005–2012	<b>M.Sc. Electronics and Telecommunications Engineering</b>
INSTITUTION	<b>Universidade de Aveiro</b> Campus Universitário de Santiago, 3810-193 Aveiro, Portugal
THESIS	Xenomai Lab - A Platform For Digital Real-Time Control
DESCRIPTION	5 year degree (Bachelor and Master's included). Thesis graded 19/20 after public defense.
2008–2009	<b>Erasmus Exchange Program</b>
INSTITUTION	<b>TU/e Technische Universiteit Eindhoven</b> Den Dolech 2, 5612 AZ Eindhoven, Netherlands
DESCRIPTION	One year spent abroad under the Erasmus Exchange Program.

## Languages

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PORTUGUESE	Native speaker
ENGLISH	Advanced speaker. Five years of education in the British Council achieving level A in First Certificate of English (2001) and level B in Certificate of Advanced English (2004)
SPANISH	Basic understanding in both written and spoken form.

## Technical Skills

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PROGRAMMING	<p>Advanced knowledge of C.</p> <p>Medium knowledge of C++, Java and the Android platform, Qt framework for GUI programming/design, Linux kernel modules and filesystems.</p> <p>Basic knowledge of Python, Objective C and iOS, Pascal, BASH scripting, VHDL, MIPS and x86 Assembly assembly language.</p>
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ELECTRONICS	<p>Medium Knowledge and hands-on experience with SPICE circuit simulation, Analog and Digital filter design, Microcontrollers.</p> <p>Basic knowledge of Digital circuit design and circuit layout.</p> <p>Extensive hands-on experience with circuit prototyping and signal analysis.</p>
GENERAL	<p>Advanced use of Microsoft Windows and Linux Operating Systems.</p> <p>Extensive experience with Linux real-time variants, such as Xenomai and RTAI.</p> <p>Word processing, spreadsheets and presentations with Microsoft Office, Open Office and L<sup>A</sup>T<sub>E</sub>X.</p> <p>Basic experience with administrating Windows and Linux systems and networks.</p> <p>Basic knowledge of classic and modern control engineering</p>

## Soft Skills

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SOCIAL SKILLS	<p>Experience in multicultural environments</p> <p>Open-Minded</p> <p>Highly responsible and professional</p>
ORGANIZATIONAL SKILLS	<p>Independent research</p> <p>Strong drive for initiative</p> <p>Planning and scheduling of team/individual project.</p>

## Additional Skills

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DRIVING LICENSE	Category B-I
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