

# 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
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LINKEDIN	pt.linkedin.com/in/jaazevedo
XING	Jorge Azevedo
NATIONALITY	Portuguese
DATE OF BIRTH	15th October 1987
AGE	25
GENDER	Male

## Experience

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UNISOL	Universidade de Aveiro, Portugal
RESEARCHER	
DATES	March 2012 - Present
DESCRIPTION	Development of datalogging infrastructure. Embedded control system prototype. Deployment and administration of a MATLAB computational cluster, OpenStack cloud computing environment.

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

## Soft Skills

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

## Additional Skills

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