

# Jorge Azevedo

## Software Engineer



**Availability:** February 2014 onwards

**Looking for:** Embedded Systems Development  
Real-Time Linux

*In a nutshell* · Recent university graduate, passionate about technology, looking for a challenge and an opportunity to learn a new language. Specialties include software development and real-time Linux.

## Personal Information

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FULL NAME	Jorge Manuel Coelho Amado de Azevedo
NATIONALITY	Portuguese
DATE OF BIRTH	15th October 1987
CONTACTS	<ul style="list-style-type: none"><li>· Address      Luxemburger Straße 30, 13353 Berlin, Germany</li><li>· Telephone    (+351) 936270876</li><li>· E-mail        jorge.amado.azevedo@gmail.com</li><li>· LinkedIn     pt.linkedin.com/in/jaazevedo</li><li>· Xing          Jorge Azevedo</li></ul>

## Experience

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UnlockYourBrain	Berlin, Germany
AUG 2013 - JAN 2014	<b>Software Engineering Intern</b>
DESCRIPTION	Internship at UnlockYourBrain, an e-learning startup focused on the development of an Android app. Key projects were: <ul style="list-style-type: none"><li>· Continuous integration of the Android app using TeamCity and Gradle.</li><li>· Implementation of Scrum. As Scrum Master I oversaw the adoption of the framework, scheduled and hosted the various events, etc.</li></ul>
UNISOL	University of Aveiro, Portugal
MAR 2012 - JUL 2013	<b>Researcher</b>
DESCRIPTION	Research grant for UNISOL, a European consortium purposed with the construction of a domestic solar heating system. Key projects were: <ul style="list-style-type: none"><li>· Embedded control system using a PIC32 and tens of sensors and actuators.</li><li>· Deployment and administration of an Ubuntu server running an OpenStack cloud computing environment and a MATLAB computation cluster.</li></ul>
Xenomai Lab	University of Aveiro, Portugal
JAN 2011 - JUL 2013	<b>Developer</b>
DESCRIPTION	A real-time platform I developed for my thesis and continued to work on as a researcher. Technical coordinator for two student master's thesis. <ul style="list-style-type: none"><li>· Qt/C++ GUI for designing control systems using Xenomai real-time tasks.</li><li>· Sept 2012 - Dez 2013 <i>Plataforma de ensino baseada em Xenomai Lab.</i></li><li>· Jan 2012 - Dez 2012 <i>Controlador Adaptativo baseado em Xenomai Lab.</i></li></ul>

## Publications

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SEPT 2012	Xenomai Lab - A Platform for Digital Real-Time Control ( <a href="#">link</a> )
IN	J. Amado-Azevedo, P. Pedreiras and A. Mota. <i>Xenomai Lab - A Platform for Digital Real-time Control</i> . In INForum Proceedings, 2012.

## Education

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SEPT 2005 – JAN 2012	<b>M.Sc. Electronics and Telecommunications Engineering</b>
INSTITUTION	<b>University of Aveiro, Portugal</b>
THESIS	Xenomai Lab - A Platform For Digital Real-Time Control ( <a href="#">link</a> )
DESCRIPTION	5 year program including Bachelor's and Master's. Thesis graded 19/20.
SEPT 2008 – JUL 2009	<b>Erasmus Exchange Program</b>
INSTITUTION	<b>TU/e Technische Universiteit Eindhoven, Netherlands</b>
DESCRIPTION	One year spent abroad under the Erasmus Exchange Program.

## Languages

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

## Skills

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SOFTWARE	<ul style="list-style-type: none"><li>· A thorough understanding of the C programming language and Real-Time OS semantics, based on Linux variants such as Xenomai and RTAI.</li><li>· Comfortable with Node.JS, C++/Qt, Android and iOS development.</li><li>· Practioner of TDD, Continuous Integration (Jenkins, TeamCity), cloud computing (OpenStack).</li></ul>
HARDWARE	<ul style="list-style-type: none"><li>· A working knowledge of PIC microcontrollers, basic analog filter design and PCB prototyping using EAGLE.</li></ul>
SOCIAL	<ul style="list-style-type: none"><li>· Experience in multicultural environments.</li><li>· Open minded and down to earth team player.</li></ul>
ORGANIZATIONAL	<ul style="list-style-type: none"><li>· Experienced in working in a multidisciplinary team.</li><li>· Planning and scheduling of team/individual projects using Gantt charts.</li></ul>
OTHERS	<ul style="list-style-type: none"><li>· Driving License Category B-I</li></ul>