Jorge Azevedo
Software Engineer

Job applied for: Junior Software Developer
Availability: April 2014 onwards

In a nutshell · Software engineer with 2 years experience looking to integrate into a high-performing team producing high-quality software. Specialties include test-driven development and Linux.

Personal Information

FULL NAME	Jorge Manuel Coelho Amado de Azevedo
NATIONALITY	Portuguese
DATE OF BIRTH	15th October 1987
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Experience

UnlockYourBrain   Berlin, Germany

AUG 2013 - JAN 2014	**Software Engineering Intern**
DESCRIPTION	Internship at UnlockYourBrain, an e-learning startup focused on the development of an Android app. Key projects were:
	· Continuous integration of the Android app using TeamCity and Gradle.
	· Implementation of Scrum. As Scrum Master I oversaw the adoption of the framework, scheduled and hosted the various events, etc.

UNISOL   University of Aveiro, Portugal

MAR 2012 - JUL 2013	**Researcher**
DESCRIPTION	Research grant for UNISOL, a European consortium purposed with the construction of a domestic solar heating system. Key projects were:
	· Embedded control system using a PIC32 and tens of sensors and actuators.
	· Deployment and administration of an Ubuntu server running an OpenStack cloud computing environment and a MATLAB computation cluster.

Xenomail Lab   University of Aveiro, Portugal

JAN 2011 - JUL 2013	**Developer**
DESCRIPTION	A real-time control platform I developed for my thesis and continued working on as a researcher. I also coordinated two student master's thesis.
	· Qt/C++ GUI for designing control systems using Xenomai real-time tasks.
	· Sept 2012 - Dez 2013 *Plataforma de ensino baseada em Xenomai Lab.*
	· Jan 2012 - Dez 2012 *Controlador Adaptativo baseado em Xenomai Lab.*

Publications

Sept 2012	Xenomai Lab - A Platform for Digital Real-Time Control (link)
In	J. Amado-Azevedo, P. Pedreiras and A. Mota. *Xenomai Lab - A Platform for Digital Real-time Control.* In INForum Proceedings, 2012.

Education

Sept 2005 – Jan 2012	**M.Sc. Electronics and Telecommunications Engineering**
Institution	**University of Aveiro, Portugal**
Thesis	Xenomai Lab - A Platform For Digital Real-Time Control (link)
Description	5 year program including Bachelor's and Master's. Thesis graded 19/20.
Sept 2008 – Jul 2009	**Erasmus Exchange Program**
Institution	**TU\e Technische Universiteit Eindhoven, Netherlands**
Description	One year spent abroad under the Erasmus Exchange Program.

Languages

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

Software	· A thorough understanding of the C programming language and Real-Time OS semantics, based on Linux variants such as Xenomai and RTAI. · Comfortable with Node.JS, C++/Qt, Android and iOS development. · Practioner of TDD, Continuous Integration (Jenkins, TeamCity), cloud computing (OpenStack).
Hardware	· A working knowledge of PIC microcontrollers, basic analog filter design and PCB prototyping using EAGLE.
Social	· Experience in multicultural environments. · Open minded and down to earth team player.
Organizational	· Experienced in working in a multidisciplinary team. · Planning and scheduling of team/individual projects using Gantt charts.
Others	· Driving License Category B-1