

Jorge Azevedo

Electronics Engineer



Looking for: Real-Time Linux
Embedded Systems Development

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Personal Information

FULL NAME	Jorge Manuel Coelho Amado de Azevedo
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XING	Jorge Azevedo
NATIONALITY	Portuguese
DATE OF BIRTH	15th October 1987
AGE	24
GENDER	Male

Core Education

2005–2012	M.Sc. Electronics and Telecommunications Engineering
DESCRIPTION	5 year degree (Bachelor and Master's included) focusing on Microcontrollers; Analog and Digital Electronics; Networks; Control Systems; Communication Systems; Antennas.
THESIS	Xenomai Lab - A Platform for Digital Real-Time Control.
INSTITUTION	Universidade de Aveiro Campus Universitário de Santiago, 3810-193 Aveiro, Portugal

Additional Education

2008–2009	Technische Universiteit Eindhoven
DESCRIPTION	One year spent abroad under the Erasmus Exchange Program. Principal subjects covered were AD/DA Conversion; Antennas and Wireless Communication; Video PostProcessing; Linux.
INSTITUTION	TU/e Technische Universiteit Eindhoven Den Dolech 2, 5612 AZ Eindhoven, Netherlands

Languages

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

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 L ^A T _E X. Basic experience with administrating Windows and Linux systems and networks. Basic knowledge of classic and modern control engineering

Soft Skills

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

DRIVING LICENSE	Category B-1
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Interests and Hobbies

Cinema	Live music and performances
Literature	Jazz
Playing guitar, piano and saxophone	Traveling