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 25

Gender Male

Core Education

2005–2012 M.Sc. Electronics and Telecommunications Engineering

Description 5 year degree (Bachelor and Master's included) focusing on

Microcontrolers; 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 LATEX.

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

Interests and Hobbies

Cinema Live music and performances

Literature Jazz

Playing guitar, piano and saxophone Traveling