FRANCISCO JAVIER BLEDA MOLINA

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TELECOMMUNICATIONS ENGINEER

Motivation

➤ Recently graduated, multidisciplinary Engineer, eager to take on new challenges.. Trought my studies, I have obtained an extensive overview about different fields in TICs and a methodical aptitude with an ability to analyze problems and solve it dividing it in smaller problems. I have completed my skills working in summer as a Sound engineer in live concerts.

Career Objective

➤ As a junior Engineer my objectives are, explore differents brach of the engineering such as development of product, networks or IoT. I feel I am now ready to take up the challenge of full-time employment.

Education:

➤ 2013-2017 Degree sound and image in telecommunications engineering in ARA group.
(High academic performance group, Teaching in english)
University of Alicante (Spain)

Working Experience

➤ 2015-Present - Arenas audio: Sound engineer, system adjustment for live concerts, mixer.
2011-Present - Musicassette studio. Recording assistant
2016- Telemag - Sound engineer.
2013-2015 - Jr Servicios 06: Sound and lighting engineering. Electronic technician.

Skills

➤ Coding, Electronic, Project management, Signal processing, Web development, Networks, Sound system adjustment, pychoacoustic, sensors, microcontrollers, room acoustic, Transducers, Vibroacoustic, Transmission media, Audio mixer, Mastering.

Programing languages

➤ C, C++, Matlab enviroment, PhP, Html, Css, assembler, Cuda.

Software

- Autocad
- Matlab
- Visual Studio
- Qt
- CATT Acoustic
- Microsotf Office
- GNS3
- Wireshark
- Photoshop
- illustrator
- Sony vegas
- Proteus

Projects

- First prize to the project *Internet of Bears*. Hack4Good (Telefonica) 2016: Teddy bear able to monitorize the enviroment of a baby throught an Android app. It counts with differents sensors and a webcam.
- "Cátedra Telefónica" Prize 2017 to *Free human project*. Website able to recognise racism in tweets.
- *TrendWords*- Multimedia Services subjetc. It was a social network trends analyzer. With this tool we were able to analyze some words an obtain their repercussion. For example study the effect of an advertising campaing.
- *Arduino sound experience* – We were able to digitalize a sound signal and we create an FM synthesyzher with an LDR resistor using Arduino UNO.
- Audio Effects with DSP Blackfin BF533 in Visual DSP ++.

*more info in the portfolio

Personal skills

- Handy man. I can from hanging a photo to painting the walls. DIY task
- Driver licence, I have driven more than 200.000 kilometers
- I do the maintainance of my own car.
- I have been playing the guitar since I was 12. With 14 I started as an assistant in a recording studio, which has let me improve my background about all kind of music of the world and I have learned a lot about recordings.
- I am member of a association called "Guitarras en el convento", which every year organize a concert with international classic guitarrist, as Jorge Cardoso, Aliéksey Vianna or Juan Falú.
- I am a fan of trekking, and also a nature lover so that I love to spend my free time discovering new places.
- Traveler. I have visited capitals as Budapest, Krakow or London and I hope that this list keep growing up.
- I love to read, and go to the cinema, and of course can not miss listening a good LP.