Embedded SW engineer Audio

About the company

Qplox is a fast growing company offering test and automation engineering. Headquartered in Leuven, our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics…. Our consultancy department offers services in RF, semiconductors and electronics design and test. Our Test automation group offers a one stop shop for design of test benches, system integration production and lab automation solutions.

Job Description

Voice and Audio Solutions is developing smart audio amplifiers for mobile devices. The team in Leuven is researching, developing, maintaining, and supporting design-in of digital audio signal processing functions, that are realized as an embedded DSP and/or an application processor software, and that interact with the acoustics of the mobile devices and their transducers.

- You will prototype, develop, and test embedded code that will run on a proprietary DSP or on an application processor. In the smartphone and mobile market, your code will be used within an embedded Linux based real time operating system.
- You will integrate existing and new signal processing algorithms in this real time framework.
- You will test the system to the intended use cases, at the adequate development stages. Regression testing is implemented in Matlab, Python, and C, and aided by Jenkins environment.
- You will also assist in writing Python scripts to debug and demonstrate our results.

Candidate Description

We are looking for a motivated, open, positive thinking person with the following technical skills.

- Embedded SW Development experience: 1-3 years
- Embedded software testing & test automation experience: 1-3 years
- Experience with Real Time Embedded Linux and/or Android experience: 1-3 years
- Matlab, Python, embedded C
- Hands-on approach and problem solving driven
- sector know-how: Electroacoustic and audio DSP know-how and interest proven by professional or hobby experience.
- sector know-how: Implementation and integration of audio DSP algorithms on various embedded and application processors
- foreign language: English; ability: fluent speaking and writing
- project language: English

We offer

An attractive salary package with extra-legal benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

Contact

Send your CV and application letter to jobs@qplox.com with the subject "Telecommunications engineer"