

R&D Engineer - Embedded Software Developer

Location: Montpellier, France

Education: Engineer (Bac +5, Universities or engineering schools)

Experience: 3 to 5 years in embedded software development

Date of the offer: April 2019

Context

Algodone develops innovative solutions, based on software and hardware, for digital rights management of integrated circuits.

Mission

You participate in the development of our embedded software products, in particular the creation of libraries and APIs for different hardware targets, with a key role in the definition of the architecture and the choice of security resources for an optimal implementation.

You will work in the R&D department on tasks related to:

- Product specification, Verification plan
- Architecture, UML Design
- Development
- Non-regression test
- Automated verification environment

Your responsibilities are:

- Guarantee of the quality of the deliverables and their adequacy with the specifications
- Continuous improvement of development and test processes and infrastructure
- Communication with the entire team for conflicts and technical locks resolution

Your curiosity, your involvement and your rigor are required for this type of work, to analyze and design innovative technical solutions.

Technical skills

You have demonstrated excellence in software development and you master:

- Embedded software architectures
- Programming in C language and objects, scripts
- Compilation toolchains

You are experienced in:

- Analysis of needs
- Formal specifications and technical documentation
- Modular architecture and design
- Continuous integration, automatic testing and quality monitoring
- Implementation of software solutions for embedded systems

Communication

You are fluent in English and have good oral and written communication skills.