



## SW Designer

We are looking for a Software Designer for the ADC Mobile Computing Division of Datalogic Group.

Datalogic is the leader in innovative solutions for a full range of applications in the manufacturing, retail and transportation & logistics industries.

### Job Duties:

The candidate will work in the Research & Development Department Software Team of the ADC Mobile Computing Division. Main responsibilities include developing Mobile Computing Devices based on standard embedded platforms like Microsoft, Linux and Android .

The candidate will be involved in the definition of requirements, feasibility analysis, software design, documentation and implementation, defect verification and unit testing. He will follow standard software engineering processes and contribute to the development of new software platforms based on operating systems used in Mobile Computing (Android, Windows CE, Windows Embedded Handheld).

The candidate will be expected to:

- Develop and extend software modules relative to the Mobile Products activities about testing and debugging of SW's modules (Unit Testing)
- Develop of new SW platform on operating system relative to "Mobile Computers" (Android; Windows CE; Windows Mobile).
- Occasionally work with the Software Team located in the United States and ODM in Asia.
- Cooperate with the Hardware Team, Validation Team and other departments of the company.

### Education:

- Either Electronics Engineering or Computer Science Engineering or Software Engineering degree
- Education on math and electrical engineering field
- Software design patterns and operating system concepts
- Solid verbal and written English skills

### Requirements:

- Experience using at least one programming language among C#, JAVA, C, and C++ with a working knowledge of the others.
- Solid Problem Solving skills and experience with software debugging
- Working knowledge of operating system concepts
- Linux programming experience and open source
- Good communications and interpersonal skills
- Mathematical and logical design and problem solving approach
- Team working skills

### Preferential Requirements:

- Knowledge or experience on Linux Embedded or Android
- Experience or knowledge on XML programming, Javascript, Win32, HTML5, Web programming, object oriented programming, ARM Assembly
- Experience on Visual Studio or Eclipse
- Experience in embedded system SW design and specifically on ARM microprocessor and/or DSP platforms
- Knowledge of wireless networks
- Knowledge or experience with network programming
- Knowledge of hardware design with the ability to read a schematic diagram
- Knowledge of the project management

### Peculiarities:

- Design Experience/Knowledge in Mobile Software Development

Location: The R&D Department is based in Bologna, (BO).

Both male or female applicants to this position will be considered.

**You can ask for information or send you CV to [giulia.burani@contractor.datalogic.com](mailto:giulia.burani@contractor.datalogic.com) or upload it directly on <http://www.datalogic.com/eng/careers/careers/work-with-us-if-199.html>**