

Job Title

Research & Development Technician

Job Description

The Research & Development Technician participates in the development of one or more sub-assemblies intended to be integrated into a future product or into an evolution of an existing product.

Within the **Electronics and Software Department**, he or she will be responsible for:

- ✓ Programming on ARM microcontroller in C language (according to the 62304 standard)
- ✓ Software verification (unit tests, integration tests)
- ✓ Drafting of design documents
- ✓ Development of test tools
- ✓ Knowledge of analogue electronics

He or she may participate in the drafting of the technical documentation associated with all these stages, and that required for regulatory files. In this way, he or she implements the risk management process during the performance of his or her tasks.

Type

Permanent contract

Duration (except permanent)

N/A

Salary Range

€25.000 to €35.000

Bonus

10% on target

Desired Start Date

As soon as possible

Job Location

Rouen

Business Trips Frequency

Rare

Required Profile & Desired Level of Education

DUT GEII/BTS SEN with 10 years' experience

Desired skills :

- ✓ Rigorous
- ✓ Methodical
- ✓ Ability to communicate accurately and effectively
- ✓ Ability to make proposals
- ✓ Ability to work in a team

ABOUT ROBOCATH

Founded in 2009 by Dr. Philippe Bencteux, Robocath designs, develops, and markets robotic assistance solutions dedicated to the treatment of cardiovascular diseases. A player in the robotic transformation of the medical sector, these developments aim to increase the gesture performed thanks to precise technologies that are complementary to current interventional methods.

R-One™ is the first robotic solution developed by Robocath. R-One integrates a bionic, unique and proprietary technology to secure and optimize coronary angioplasty with robotic assistance. This medical procedure consists of revascularizing the heart muscle through the implantation of one or more implants (stents) in the arteries that irrigate it. An operation of this type is performed every 30 seconds worldwide. R-One is designed to intervene with precision and perform very specific procedures, all in an improved work environment. Thanks to its open architecture, R-One is compatible with most coronary angioplasty devices and catheterization rooms.

In a prospective, controlled, and randomized pre-clinical study, the efficacy and safety of R-One was demonstrated with a 100% technical success rate and no major adverse cardiovascular events (MACE). The device was CE marked in February 2019 and its clinical application started in September 2019. The solution is now present in Europe and Africa.

Ultimately, Robocath ambitions to become the world leader in vascular robotics and to develop remote vascular emergency management (VEM) to ensure the best care path for all. Based in Rouen, France, Robocath has more than 70 employees.