



Instent is a young start-up company based at Ecole polytechnique in France that develops a breakthrough remote monitoring technology that can turn implantable medical devices, most notably coronary stents, into connected healthcare devices. Stents are small scaffolds implanted in coronary arteries that have been blocked by cardiovascular disease and serve the purpose of maintaining vessel patency and thus preventing heart attacks.

We are seeking an **engineer (PhD degree required) specializing in data analysis and numerical modeling** to become a key member of our team. You will be in charge of these two important aspects of our R&D. You will develop **statistical analyses and other machine learning tools** to analyze experimental data and set up an internal database. Exceptional skills with **Matlab or other programming tools such as Python or R are required**. You will also complement our R&D with **computational modeling** in the areas of electrical engineering, cell biology, structural mechanics and fluid mechanics using (primarily) **commercial multi-physics tools (such as COMSOL)**.

You will join a fast-moving and dynamic start-up in the midst of its R&D phase. Thus, a talent for improvisation and the ability to handle the unexpected are a necessity. If you are a team player that can work independently and are fluent in French and English, then you are the right fit for our team. Work experience in the medical device industry is a plus but not a requirement.

Instent collaborates with laboratories at École polytechnique and ENS Cachan and is supported by a multi-disciplinary team of scientists and doctors. As one of the winners of the “World Innovation Competition” and other competitions (Norbert Ségard, Hello Tomorrow Challenge 2015, i-Lab), we recently received significant funding for the development phase.

Workplace: École polytechnique (Palaiseau, France near Paris). Starting date: immediately.

We offer a permanent employment contract for this job. The salary depends on experience and skill set. If you are interested in joining this adventure, please email your CV and motivation letter as well as the names of at least three references to: contact@instent.eu