

**JOB OFFER (FULL TIME)**

# SENIOR C++ DEVELOPER



# C++ # REAL-TIME PROCESSING # ARCHITECTURE # CI TOOLING

## WHO IS DIGEIZ ?

DiGEiZ develop an overlay for CCTV to analyse footfall. Our Deep Learning algorithms work real-time and make us compliant with GDPR. We deliver unique KPI at shop level, (counting, qualification and complete visitor patterns) through simple Business Intelligence dashboards.

## TEAM

We are two sales, six developers and growing. We love high performance programming, computer vision, deep learning and intuitive dashboards. If you live for clean & sharp code and do want be part of something big, come and meet us!

 Type: Fulltime (CDI)

 Start: ASAP

 Location: Boulogne

 Salary: 45k-65k  
(depends on profile) +  
stocks

## YOUR MISSION

DiGEiZ AI sensors bring real-time In-Store Analytics. This is only made possible thanks to the incredible software made by our developer team. The software is autonomous in understanding and reporting traffic information. For example, the software is able to accurately count customers passing by, entering and leaving the stores.

We implement real-time high-performance production code : it has to be well-designed, well implemented and at the same time well-thought for testing, configuration, monitoring, and debugging.

You will be responsible for architecting our libraries and implementing interfaces (monitoring probes, third-party interfaces, ...) and state-of-the-art algorithms (camera acquisition, object detection, tracking, ...). You will also take part in improving our CI (from building to RPM packaging through unit testing) and infusing best coding and review practices.

You should be well-versed in large library architecture, have implemented and maintained production code. You have a strong interest for real-time processing.

## YOUR RESPONSIBILITIES

- Design and maintenance of the CI chain
- Architecture of our C++ libraries
- Optimization of algorithms

## YOUR STACK & QUALIFICATION

- Strong experience of C++ (multithreading)
- Strong experience with CI tooling (cmake, clang-tidy, lcov...)
- Experience with gstreamer and cuda are bonus



LET'S MEET : DROP AN EMAIL AT [JOINUS@DIGEIZ.COM](mailto:JOINUS@DIGEIZ.COM)