Software Development Engineer (M/F)
Permanent Position

YellowScan designs, develops and produces mapping sensors for professional drone applications. Fully integrated, ultralight and easy to use, these highly automated sensors are used by customers worldwide in various fields: topography, environmental research, archaeology, civil engineering and mining.

With a strong focus on customer satisfaction, we are committed to providing the highest performance, quality and reliability of our products and services. In order to rapidly expand our business worldwide with the highest level of quality and service, we are actively seeking the best talents to strengthen our team. *Here you can value the team, its projects, its challenges for the years to come, the number of people, the key skills …*

Today, we are looking for our new software engineer.

We are looking for a software engineer to develop features across our stack and challenge our thinking on the software we build for our customers. Our mission encompasses the industrialization of point cloud processing algorithms, the improvement of software quality, security and performance, as well as the design and implementation of feature requests from technical users whose needs are constantly changing.

■ **Your primary responsibilities will be to:**
- Design, develop, maintain and improve our software
- Industrialize and improve the performance of data processing algorithms
- Create modern and elegant user interfaces
- Enhance our solutions according to an Agile cycle to meet user needs
- Contribute to the creation of a collaborative, productive and user-friendly work environment

■ **Our software development team**
Our team is composed of people from various backgrounds, from the C++ guru to the doctor in image processing, to the embedded software developer.

■ **Our stack**

Our tools are based on a solid layer of C++. We use Qt/QML and OpenGL for our user interfaces, we accelerate processing using OpenCL, and use 3D processing libraries (CGAL, PCL, Ceres, OpenImageIO, etc.) for our data processing algorithms. We are committed to consistently delivering the highest quality products. To do so, we use GitLab CI/CD tools.

■ **Profile**

- Graduate of an engineering school or equivalent
- Junior profile accepted
- Thrives in a multidisciplinary environment
- Strong knowledge of C++: Qt framework is a big plus
- Experience in CI/CD is appreciated
- Previous experience in a start-up or an innovative SME is a plus.

■ **Additional Information :**

- Position based in Saint Clément de Rivière, near Montpellier
- To be filled as soon as possible
- Wage based on experience
- Send applications to the following address: gaelle.dhauteville@yellowscan-lidar.com

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