Simplicity	★★★★☆
Inventiveness	★★★★★
Dullness	★☆☆☆☆

Committed and with passion for precision we create digital reality solutions combining sensor, software, and autonomous technologies to empower a sustainable future.

TECHNODIGIT is a software publishing company specializing in processing data from various scanners developed by the Hexagon group: point cloud visualization and processing, reconstruction, feature extraction, 3D modeling, reverse engineering, control, inspection, etc.

Since January 2009, **TECHNODIGIT** has been part of the **HEXAGON group**, a global leader in measurement-related technologies. Known for its R&D capabilities, 2021 marked a shift in TECHNODIGIT's positioning within the HEXAGON group by integrating into the Innovation division.

The company consists of two computer development teams (C++):

- The 3DR SDK technology is dedicated to processing point clouds from measurement or capture devices. Our unique expertise allows for processing point clouds without size limits and provides high-quality, precise, and lightweight meshes.
- The Application team develops the Leica Cyclone 3DR software for Leica Geosystems (HEXAGON group) and targets a wide range of applications, including topography, heritage, mining and tunnels, architecture, engineering, construction, buildings, industrial sites, storage tanks, etc.

As a full-fledged member of the team developing the 3DR SDK, composed of about fifteen people, we are opening a position for a C++ software engineer to strengthen our team specializing in the development of point cloud and meshing processing algorithms.

C++ Software Engineer for Geometry SDK (f/m/d)

Lyon   🕐   100%

Your responsibilities

- Modern C++ development in our geometric computing library
- Critical analysis of algorithm implementations
- Assisting in the integration of our technology at the

This is you

- Strong background in engineering or a master's degree (bac +5) in computer science
- Ability to understand complex point cloud and meshing algorithms

client's site
- Debugging, stabilizing, and testing our algorithms

- Proficiency in modern C++ and the ability to evolve code
- Mastery of English and French (written and spoken) is essential, Other languages are an advantage
- Good knowledge of Mathematics/Geometry
- Mastery of Linux and Windows tools and an aptitude for cross-platform coding
- You have a strong inclination for exchanging and communicating with technical experts as well as with people from diverse backgrounds, and you are motivated by customer satisfaction and technology.

We offer you

- Hybrid Working model - The team works 2 days a week from home
- Individual training opportunities (internal and external)
- Restaurant ticket = €10/working day (€6 company contribution)
- Sustainable mobility package = up to €800/year compensation for the use of sustainable transport
- Works council (€30/month)
- Employee Events
- Warm and international corporate culture based on respect and cooperation
- Permanent position
- 216 working days per year

About Us

TECHNODIGIT combines the stability and international reach of the HEXAGON group with the agility of our high-performing team, reflected in the company's values.
These values are demonstrated through:

- A works council that funds part of leisure activities
- A sustainable mobility agreement encouraging employees to commute by bicycle or carpool

Hexagon is a leading provider of digital reality solutions and employs more than 24,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts driving the future of Hexagon. You will use and develop your skills in our highly innovative and diverse environment. Flexible working models allow you to ideally combine work and private interests.

Contact

If you have any questions, please do not hesitate to contact Brigitte Schnetzer, Talent Acquisition Specialist.

APPLY NOW

Hexagon
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Pompidou Lyon 69003

Job-ID: g1ffhgfp