



3D C++ Software Engineer

Cintoo builds an innovative cloud platform to manage 3D Reality Data for organizations in the AEC (Architecture, Engineering & Construction) and BIM (Building Information Modeling) industries.

The Cintoo platform relies on efficient data compression algorithms created in-house, that reduce the storage and transfer times of highly accurate 3D data captured by laser scanners. Cintoo is a fast-moving, well-funded startup with a very high potential.

We are seeking to recruit a talented and passionate software engineer to develop our applications and make our technologies evolve, thus supporting the growth of our platform. We have an immediate opening (permanent contract - CDI) for a C++ software development engineer with between 2 and 7 years of professional experience.

Responsibilities:

- Design, develop and maintain our applications (designed to prepare, compress, analyse and distribute 3D data).
- Ensure these applications operate seamlessly, reliably and be easily maintained and upgraded.
- Analyse and optimise the performance of these applications, notably by taking advantage of multi-core, distributed and scalable architectures.
- Collaborate with the other back-end and front-end engineers to ship coherent and robust products.

Requirements:

- Software development master's degree or equivalent experience.
- Self-reliance, innovative spirit, team player.
- Willing to learn and progress.
- Good knowledge of C++ (minimum C++11), with at least 2 years of professional experience.
- Rigorous development methods and passion for beautiful code.
- Knowledge of software architecture elements.
- Good level in written English.

Additional desired skills:

- Experience in development on Linux.
- Understanding and knowledge of algorithms founded on mathematical methods.
- Knowledge and experience in computer vision or image processing.
- Experience in GPGPU programming (OpenCL preferred).
- Experience in Windows applications development.
- Experience in development and optimisation of high-performance software.
- Experience in development of libraries and API.

Several good reasons to join us:

- You will join a startup with a tremendous growth perspective, and you will part of it, contributing with your creative ideas and energy.
- Dynamic atmosphere, innovative team and cutting-edge technologies: you will have fun!
- We are based in Sophia-Antipolis, South of France, 300 days of sunshine per year, great place to be!

Please send your resume and a cover letter to jobs@cintoo.com.