Job description

Research Scientist (Ph.D.)

Cintoo designs and develops an innovative cloud oriented platform for 3D Reality Data management targeting AEC (Architecture, Engineering & Construction) and BIM (Building Information Modeling) professionals. This platform relies on efficient data compression algorithms created in-house, reducing storage and transfer time for rich and highly accurate 3D data captured from reality (photogrammetry or laser scanning). We are a fast-moving startup with a very high potential.

Cintoo is now hiring its talented and passionate, recently graduated Ph.D. to work on our 3D compression and streaming technologies and help us develop our Reality Data management platform. This position is available now as a full-time job in "CDI" (*Contrat a Duree Indeterminee*). Candidates demonstrating excellence in other related areas are encouraged to apply. International applications are also welcome.

Goal and tasks
- The successful applicant will join Cintoo's Research Team, focusing on developing innovative solutions for processing massive 3D point clouds (compression, simplification, segmentation).
- He/she will conduct cutting-edge research leading to patents and new efficient processes that will be integrated in our next generation products.

Profile
- The recruited candidate must be a recently graduated Ph.D. in Computer Science/Signal Processing, and more precisely on a topic close to 3D Reality Capture, point clouds processing, depth map processing, 3D retrieval, etc.
- He/she must have an excellent research and publication record in the related field.
- He/she must also have good programming skills in C, C++ or equivalent. Experience with OpenGL, OpenCL or CUDA is a plus.
- A solid background in mathematics is required.
- English is required, French is optional.
- Curiosity, open-mind, creativity, persistence, professionalism, responsibility, and collaborative-work are the key personal skills that we target for this position.

Several good reasons to join us!
- You will join a startup with a tremendous growth prospective, and you will be part of it!
- You'll be given more responsibilities and opportunities to contribute with your creative ideas and energy;
- Above-average pay;
- We are based in **Sophia Antipolis**, Southern France, closed to the French Riviera with 300 days of sunshine per year and only one-hour drive from ski resorts, making it THE great place to live!
- Dynamic atmosphere, innovative team and cutting-edge technologies. You won't be bored!

Please send your resume and a cover letter to Anis Meftah, PhD, Cintoo's Research Team Manager (meftah@cintoo.com) and Marc Antonini, PhD, Director of Research at I3S Lab (antonini@cintoo.com), both co-founders.

www.cintoo.com