

**Cintoo3D**  
**Internship proposal**  
Compression and streaming of reality 3D data

Cintoo3D designs and develops an innovative and powerful cloud oriented platform for Reality 3D Data management in the context of architecture, engineering and construction (AEC). 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).

Cintoo3D is seeking a talented student for an internship in the area of 3D point cloud processing. The research would be focused to advance the data management platform based on 3D compression and streaming of massive 3D point cloud data.

**Goal and tasks**

- The successful applicant will join the *Cintoo3D Research Lab*, whose activities center around novel solutions for 3D huge point clouds processing.
- In this context, the candidate will work on the compression of huge 3D point clouds and depth maps processing.

**Profile**

- The ideal candidate would have experience related to signal processing, computer vision and/or 3D point cloud processing.
- He/she must also have good skills in programming and especially in C, C++.

**Internship length and start date**

- Flexible start date
- 5-6 months

**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.
- Dynamic atmosphere, innovative team and cutting edge technologies. You won't be bored!

Please send your resume and a cover letter to Anis Meftah ([meftah@cintoo3D.com](mailto:meftah@cintoo3D.com)) and Marc Antonini ([antonini@cintoo3d.com](mailto:antonini@cintoo3d.com)).

**Supervisor** : Anis Meftah, Head of the R&D

**Company** : Cintoo3D, <http://www.cintoo3d.com>

**Address** : Business Pôle, 1047 Route des dolines, 06560 Valbonne

**Phone number** : +33489866921

**Emails /contact** : meftah@cintoo3d.com