



Internship Proposal

Visualization of 3D Reality Data in a Web Browser

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.

Cintoo3D is seeking a talented student for an internship in 3D visualization. The mission would be focused on developing and improving of our 3D web viewer based on BabylonJs Engine.

Goals

- The successful applicant will join Cintoo's Research Team, which develops innovative solutions to process and view massive 3D point clouds coming from laser scanners.
- In this context, the candidate will participate in the development and the continuous improvement of our in-house 3D web viewer.

Profile

- The ideal candidate should have experience related to 3D visualization through rendering APIs such as DirectX, OpenGL...
- He/she must also have good skills in programming and especially in JavaScript.
- Notions in HLSL/GLSL are a plus.

Internship length and start date

- Expected duration is around 5 to 6 months (flexible).
- Starting date is flexible as well.

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;
- 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 (meftah@cintoo3D.com) and Marc Antonini (antonini@cintoo3d.com).

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