



C++ Real-time Simulation Programmer

About us:

Founded in 2004 in Iași, we are an industry-leading company defined by its drive to build state-of-the-art in-house products. We specialize in the research, development and implementation of software and hardware technologies for the processing of flexible materials, with a strong focus on computer aided design (CAD) and cutting room processes/computer aided manufacturing (CAM).

Gemini CAD Systems provides leading edge integrated solutions (software and hardware) dedicated to the garment, technical textile and leather industries. Gemini CAD Systems' advanced technologies automate operations in the production process from product design to cutting the materials, for more than 6000 customers across 5 continents, providing reliable technical support throughout all stages.

What you will do:

- ✓ Contribute to the development of a multi-platform (desktop, mobile, web) application that simulates flexible materials;
- ✓ Create and extend frameworks to integrate other vendors' tools with our platform;
- ✓ Work with image processing algorithms;
- ✓ Research flexible-materials' simulation techniques;

The ideal candidate has:

- ✓ Bachelor's degree or higher in Computer Science or related technical field or equivalent practical experience;
- ✓ 3+ years professional experience in programming, preferably with C/C++;
- ✓ Good grasp of Object Oriented Programming;
- ✓ Familiarity with application structure design, architecture and basic algorithms;
- ✓ Experience working with iterative and incremental software development and delivery;
- ✓ Great English speaking and writing competencies;

And optionally:

- ✓ Experience working with game engines (Unreal Engine), including building them from source and modifying their code;
- ✓ Good understanding of vector math and trigonometry;
- ✓ Previous experience with real-time simulation;

We offer:

- ✓ Challenging projects in an industry-leading company;
- ✓ Flexible work hours and competitive benefits;
- ✓ Periodic internal events and company parties;
- ✓ Professional challenges in a friendly and informal environment;
- ✓ Private parking spaces.

- ✓ Working location: Iasi, Romania
- ✓ Type of contract: Permanent & full time

To apply please send your CV to hr@gemnicad.com & come meet us.