Role: Senior Software Engineer in 3D CAD

About the role:

At Anark our **Senior 3D CAD Engineer** is responsible for the development of critical integrations with 3D CAD systems. This position works with a team of motivated engineers to plan software releases that adhere to customer requirements within business-acceptable timeframes.

Key Responsibilities:

The ideal candidate will have experience developing 3D software on the Windows platform. Additional CAD specific knowledge/experience is very helpful. As a CAD Engineer you will maintain and enhance CAD adapters that are used to import complex 3D product data (product structure, geometry, attributes, MBD model views and PMI data) and publish visualization data into Anark Collaborate platform for downstream use cases. CAD adapter integrates with CAD systems using CAD software APIs and uses third party libraries for neutral formats like STEP.

Qualifications:

- BS in Computer Science, Aerospace Engineering, Mechanical Engineering, Electrical Engineering, or equivalent
- 5-8 years of professional software development experience
- Strong C# programming skills
- Experience with 3D data
- Additionally, programming experience in one or more of C/C++, C#, C++/CLI, or similar languages such as Java
- 3D basic understanding of BREP and polygonal mesh data, scene graphs, DAGs, and transformation matrices

Bonus:

- Experience integrating with CAD software libraries
- Understanding of STEP and other 3D concepts
- Experience using best-practices design/architectural patterns and loosely coupled component-based programming
- Experience with agile development methodologies including Test Driven Development, and a propensity for refactoring code
- Experience using Microsoft Visual Studio and Azure DevOps
- Basic knowledge of automated testing, such as writing unit tests

Company Info:

- Compensation: $110k - $130k annual base

- Location: Anark is headquartered in Boulder, CO. This is a hybrid onsite position, 3 days/week in the office

- Please send your resume to recruiting@anark.com

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Anark helps market leaders such as GE, Boeing, Lockheed Martin, Allison Transmission, Johnson & Johnson, Cisco, Ericsson, and TE Connectivity with their Digital Transformation, leveraging smart technical content to streamline procurement, manufacturing, and field service operations.

Come work on cutting-edge technology in an energetic, friendly, and supportive work environment. Anark Corporation strives to be a "change the world" innovator. Anark offers competitive compensation packages. For this role, our starting base salary is 110 - 130 depending on skills and experience. We also offer 100% employer paid full medical benefits, learning, fitness perks, and much more. US citizenship or green card permanent residency required; Anark is unable to offer visa sponsorships.

Thank you! Rick Powell / Talent Architect / Anark, an Oakline Holdings Company / www.anark.com