3D Developer for Serious Games

ArchieMD seeks an ambitious 3D Software Developer to develop 3D, immersive serious games for training medical providers. These highly interactive games include realistic medical environments populated with medical equipment and virtual patients with modeled physiology. Successful candidate will be creative while developing robust, scalable code. Candidates must have a solid computer science background that enables application of theoretical concepts to new technologies (particularly in the realm of 3D rendering). The position offers a unique opportunity to work on creative applications that challenge the state-of-the-art.

Position Requirements:
- BS/MS in Computer Engineering or Computer Science (for candidates with a BS degree: research, work, or internship experience is preferred.)
- Natural interest in serious games, immersive environments, and web-enabled education
- Solid understanding of computer graphics concepts, (esp. linear algebra, 3D transforms, and rendering pipeline)
- Solid understanding and experience with object-oriented programming and associated design patterns
- Self-motivated, able to budget time on large, multi-faceted tasks
- Ability to quickly learn new technologies

- 2+ years using C++; A peer/supervisor would consider you strong C++ dev.
- 2+ years hands-on experience building 3D graphics applications a plus
- Experience using one or more of the following: Ogre3D, Torque3D, Unity3D, or other source-modifiable game or graphics engine
- Experience with Visual Studio 2005 or later is preferred; development will be done on Windows platform
- Experience with full lifecycle of software development preferable. (Particularly interested in candidates that have been on teams that have delivered successful commercial products).

ArchieMD, based in Boca Raton, FL, is a growing technology company (~20 employees) that develops interactive and immersive applications to teach medical concepts to wide array of stakeholders (students, doctors, nurses, patients, jurors, military personnel). These applications seek to use visual and interactive techniques to teach complex medical concepts. Currently the company is developing state-of-the-art immersive environments (using augmented reality), 3D simulations, series games, and interactive applications.

Relocation to Boca Raton area of Florida required

Salary:
Benefits: paid vacation and holidays health insurance 401k, potential for tuition reimbursement