



Position Title: Senior Software Engineer
Reports to: PRISim Senior Engineering Manager
FLSA: Exempt

Company Information:

Advanced Interactive Systems, Inc., provides comprehensive training solutions for people in positions where lives are on the line. AIS manufactures PRISim® training simulators for lethal and less-lethal weapons handling and judgment skills. AIS offers Modular Live Fire Training Ranges including Live Fire Simulation Systems. The AIS Ltd. group designs and builds anti-terrorist and other special application training facilities, with installations in more than 60 countries. The Reality Response Division develops interactive simulation systems and synthetic environments that provide reality-based training. Headquartered in Seattle, AIS is a privately owned company with offices in North Las Vegas, Monterey, Orlando, Abu Dhabi, UAE Singapore, Malaysia, and England.

Summary:

The Senior Software Developer works within the development group to build the next generation of our simulation and training products. Also supports existing products / projects as needed.

Essential Duties and Responsibilities:

Responsible for designing and implementing any and all pieces of a modern simulation system, including a cutting-edge 3D graphics engine, Web interfaces, physics-based models, database backend, and other elements as required.

Designs, modifies, develops, writes and implements software applications. Applies contemporary technologies and defines system designs and architectures that are used to implement AIS projects / products. May coordinate and lead work within the development team. Also provides technical support to team members.

Relies on extensive experience and judgment to plan and accomplish goals. May provide consultation on complex projects and is considered to be the top level contributor / specialist.

Requirements:

BS or MS in Computer Science plus at least 6 -10 years of professional software development experience. Key skills:

- Extensive experience in C++ programming.
- Working knowledge of multi-threaded system design.
- Ability to quickly adapt to different programming languages and methodologies.
- Ability to work in a small group and take initiative with little direction.
- Ability to effectively communicate ideas with both developers and non-technical people verbally and in writing.

Plus Skills (desired, but not required for the position):

- Experience with DirectX or OpenGL programming.
- Experience with networking protocols

Enjoy a competitive salary, excellent benefits including medical, dental, 401K, life insurance, short and long-term disability, and more! Please take an opportunity to explore what we can offer you to expedite your professional and financial growth. Please Email your resume to us at, jobs@ais-sim.com Please refer to "Job 906" in the subject line.

An Equal Opportunity Employer (M/F/D/V)