

Appareo Systems **Senior Software Engineer**

Posted: 1/1/2008

Closes: 2/29/2008

1 position available.

Start Date: ASAP

Location: Fargo , ND

Salary: DOE

Job Type: Full Time

Hours: 40+



SUMMARY

Appareo Systems is looking for a Senior Software Engineer to develop applications which support our proprietary inertial sensing hardware. Development includes opportunities to apply skills in the fields of augmented reality, visualization and animation, data mining, and GIS integration / implementations.

PRIMARY RESPONSIBILITIES

- Proficient at application design and implementation starting with requirements phases through application deployment
- Ability to design efficient and effective algorithms
- Negotiate changes in feature requirements throughout the development of a project
- Ability to execute within reasonable budgets and deadlines, and / or identify unreasonable budgets or deadlines
- Ability to perform lead / technical lead developer duties
- Ability to perform under a lead / tech lead developer as needed
- Perform Code reviews and analysis
- Enforce development processes through all phases of the development lifecycle

ADDITIONAL RESPONSIBILITIES

- Research and evaluate emerging APIs/ tools/ frameworks
- Development of internal frameworks, libraries, or tools
- Prototype algorithms, design concepts, or framework utilizations
- Work requires occasional travel to meetings, site visits, and conferences

KNOWLEDGE AND SKILL REQUIREMENTS

- BS CS / BS Math with 3-5 years, or equivalent work experience
- High proficiency in at least one object oriented language (C++, C#, Java, Small Talk)
- Mixed-Mode (managed interaction with native code) experience a plus
- Experience with object oriented design, API design, and implementation of modern design patterns
- Relational database design (experience with object-relational mapping tools a plus)
- Familiar with Database / Application optimization techniques
- Unit Testing, Mock objects, code coverage tools and analysis, xUnit frameworks, test automation, build automation (continuous integration)
- Familiar with modern development processes: agile methodologies such as scrum, test driven development, domain driven design
- Self-discipline to follow through on development / design processes
- Strong mathematics background a plus

BENEFITS

- Health Insurance through BlueCross BlueShield of North Dakota
- 401(k)

- Paid Vacation
- Flexible Hours
- Competitive Salary
- Paid Training
- Upward Mobility

Resumes may be e-mailed to:
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Contact Information

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