

## **SENIOR .NET DEVELOPER**

Are you looking to use your coding skills in a fast-paced dynamic environment where your skills are put to the test and the software you write will strengthen our national defense? Sensor Concepts, LLC (SCI) is part of the Raptor Scientific Corporation, a global Aerospace & Defense test and measurement company with a focus on electronic and mechanical testing products and solutions. We are looking for a full time senior software architect with experience writing innovative motion control systems and data-centric desktop applications. Your role as our lead software architect will be to help our team achieve its software goals from design through deployment. You will be responsible for implementing key areas of our new product baseline, which will require advanced C# programming skills and a keen ability to design a broad spectrum of end user software solutions.

Our software research and development spans radar measurement techniques and analysis, synthetic image processing, spatial tracking and positioning systems, artificial intelligence, machine learning, and robotics. You will be part of a multidisciplinary engineering team developing state-of-the-art software modules to drive various sensor systems. You can learn more about our company by visiting our website at: [www.sensorconcepts.com](http://www.sensorconcepts.com).

### **EXPERIENCE**

- 8-10 years hands on experience developing .Net software as part of a team.
- 5 years progressive team leadership in OO software design and architecture.
- Extensive C# /.NET development experience.

### **RESPONSIBILITIES**

- Hands on design and development of .Net software modules in a fast turn commercial environment.
- Work with product managers to drive software requirements in order to define, model, and provide initial C# architecture of designs that are released in small spiral development cycles.
- Direct the software team on architecture by constantly maintaining the code structure to ensure the complexity of the software stack is reviewed, refactored, and evolved based on best practices.
- Maintain development plans, schedules, and assign coding projects to team members as needed.

### **REQUIRED SKILLS**

- Implementation utilizing Microsoft Technologies including MS.Net 4.x, WPF, WCF, 3D Graphics Packages, Entity Framework Core, and Visual Studio 2018
- Understanding of parallel programs and multi-threaded software on Multi-Core and Multi-Processor platforms.
- Demonstrated ability to do use cases, system modeling, or ERD development.
- Design and implementation of communication or service classes.
- Experience with configuration management using Team Foundation Server, or Team Build.
- Existing or previous security clearance desirable.

### **EDUCATION**

This position requires a BA/BS degree in Computer Science, Electrical Engineering, or Math as a minimum.

To apply for this position, please send resumes to [recruiting@sensorconcepts.com](mailto:recruiting@sensorconcepts.com)

*Applicants selected will be subject to a government security investigation and must meet eligibility requirements for access to classified information which includes US Citizenship.*

SCI is an affirmative action/ equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, marital status, national origin, ancestry, sex, sexual orientation, gender identity or expression, disability, medical condition, protected veteran status, age, citizenship, or any other characteristic protected by law.