



**Company: Simberian Inc.**  
**Job Title: Lead Software Developer**  
**Location: Anywhere**  
**Available: Now**

**About Simberian:**

Simberian Inc. is a fast growing provider of electromagnetic signal integrity software for physical design of PCB and packaging interconnects for communication links operating at 6-100 Gb/s and beyond. Simberian's software Simbeor is accurate, fast, easy-to-use and cost-effective solution for pre and post layout analysis of interconnects with advanced 3D full-wave models. Our simulation technology helps engineers to build and design virtual prototypes of PCB/package interconnects before they are realized in hardware, saving them time and money in testing. The software employs a cutting edge user interface and solving engines. For more information visit Simberian's web site [www.simberian.com](http://www.simberian.com).

**Position Summary:**

The Lead Software Developer will design, create and maintain product features for Simbeor software, with a focus on electromagnetic and signal integrity analysis of interconnects. **Take a look at our [Simbeor software](#) and apply if you know how to evolve it with new capabilities, solvers or GUIs.**

**Essential Job Functions/Accountabilities:**

Developing new capabilities for Simbeor electromagnetic signal integrity software. Defining new product features and requirements, implementation of algorithms and user interface. Driving development planning, scheduling, and software architecture.

**Minimum Requirements/Qualifications:**

Master's degree in Electrical Engineering, Computer Engineering, or Computer Science. Experience in designing and developing algorithms and user interfaces for technical software, preferably commercial EDA and/or electromagnetic analysis software. Strong knowledge of C/C++. Strong knowledge of numerical algorithms. Ability to complete high quality work on schedule.

**Other Job Requirements:**

Understanding of electrical circuits and computational electromagnetics. Experience with commercial EDA/CAE software. Experience with STL containers, WTL, Microsoft Visual Studio.

**Contact:**

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