

Company: Simberian Inc.

Job Title: Senior Application Engineer

Location: Anywhere

Available: Now

Payment: Depends on qualification

Position Summary: Simberian is looking for a Senior Application Engineer to provide technical support and training to our customers using Simbeor electromagnetic signal integrity software (www.simberian.com). You will need to be fluent in English as this position will support our North American and European Union customers. **This is remote job - applications from any location in time zone overlapping with USA/EU working hours will be considered.**

Essential Job Functions:

- Provide Simbeor software application training to customers. Create training “How to” videos – see examples at <https://www.simberian.com/ScreenCasts.php>.
- Consult customers on Simbeor use for solving PCB/Packaging interconnect problems for Ethernet, DDRx, PCIe, PCI Express and other serial interconnect signaling standards.
- Assist customers with creating automation scripts in Matlab or Python.
- Provide Simbeor software support and trouble-shooting/problem-solving to customers using phone, screen sharing and email. Find solutions, workarounds and communicate solutions to customers.
- Document Simbeor software defects in our bug-tracking database and document solutions in our knowledge base.
- Assist development team with Simbeor testing.

Required Knowledge, Skills, Education and Experience:

- Education: BSEE or MSEE. Work experience or college project experience and understanding of PCB design and signal integrity analysis principles are required.
- Requires ability to manage and solve complex signal integrity problems with minimal direction.
- Requires multitasking of several complex issues at once, so prioritization ability is essential.
- Excellent communication skills are essential as is the ability to contribute in a remote team environment. Ability to document procedures and debugging knowledge.
- Requires experience with Simbeor or any other electromagnetic signal integrity analysis tool.
- Requires understanding of design principles for Ethernet, point-to-point DDR, PCIe and other serial signaling standards for PCB interconnects.
- Requires programming/scripting experience in Matlab and/or Python.
- Experience with any PCB design tool is desirable.
- Knowledge and experience with C/C++ programming language is desirable.
- Knowledge of computational electromagnetic principles is desirable.



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 6-112 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.

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