

**Job Title: *Software Engineer*****Job Description:**

Modelithics, Inc. is looking for a Software Engineer with strong programming skills. Ideal candidate will also possess general electronics and RF engineering knowledge. Must have the ability to efficiently multi-task in a high paced, rapidly changing environment. Primary duties are to assist in the development of our flag ship library product of electronic component software models for use in multiple computer aided engineering (CAE) simulation products using SOP's (standard operating procedures) as well as independent judgment, after suitable training on each task.

Duties may include model development, interfacing with each of the supported simulators, packaging, building installers, testing, and documentation. Additional tasks may include: developing applications to improve the efficiency of our daily operations; support and improve existing products; adding additional features; develop an interface to additional simulators; update and maintain the database driven website; troubleshoot Windows operating systems; license the products; and customer support. The programmer may also be asked to assist with automation of lab and engineering tasks and processes. Experience with LabVIEW, MATLAB and Python software will be a plus related to this need.

**Required Education:**

Bachelor's degree in Electrical Engineering (preferred), BS Computer Engineering, BS Computer Science from an accredited university. Applicants with a Master's degree in these areas will also be considered.

**Required Experience/Skills:**

C/C++, CSS3, HTML5, SQL, ASP.NET, JavaScript or jQuery, Microsoft Office. Strong documentation abilities. Basic knowledge of general-purpose electronic test principles and equipment.

**Optional (Helpful) Experience:**

Python, MATLAB, LabVIEW, VM Ware Database driven Web Design with ASP.NET, SEO Website form development Firewalls, Windows Servers Flexera or Reprise Software licensing Linux RedHat or CentOS, Visual Studio. Basic knowledge of RF or microwave electronics.

**We value:**

Excellent verbal and written communication skills.  
Ability to multi-task on multiple projects with minimal supervision.  
Ability to rapidly assess a situation and decide on corrective action response.  
Good working knowledge of engineering test processes and principles.  
Integrity, Honesty and Trustworthiness in all things.

Modelithics is located in beautiful Tampa Bay, FL and anticipates a competitive salary range that is negotiable, depending on experience and degree level, with benefits that include vacation, health, life, disability, and retirement plans.

**Note: U.S. Citizenship or permanent residency is a requirement for this position.**

Email your Word or PDF resume and salary requirements to [careers@modelithics.com](mailto:careers@modelithics.com)

**Contact Information:**

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