Modelithics®
World's Best RF & Microwave Simulation Models

Job Title: Engineering Training Internship

Job Description:

Modelithics is the leading independent provider of simulation models for Radio Frequency and Microwave (RF/MW) devices, has openings for one or more RF Electronics Engineering Internships. The Engineering Intern will be trained in various skills related to the fixturing, measurement and computer simulation of radio frequency and microwave devices. Minimum requirements include enrollment in or completion of a BSEE or MSEE degree program. **Academic or practical exposure to RF/Microwave measurements, and modeling techniques for high frequency devices and/or modeling related simulation experience (e.g. Keysight ADS and/or RF Pro, Cadence AWR and/or Clarity and/or ANSYS HFSS) is highly desirable** along with good verbal and written communication skills and computer proficiency. US Citizenship or Permanent residency required.

Modelithics provides Engineering Assistants with advanced training in microwave measurements, access and training in various cutting edge circuit simulation tools, and numerous specialized resources that are difficult to find elsewhere. The position is a valuable internship experience that is viewed as highly desirable.

Responsibilities will include some combination of:

- Measurements of active and passive components
- Assistance with equivalent circuit and Full-wave EM simulation modeling
- Data analysis: Generating reports: Internal and external
- Developing models of calibration standards
- Analyzing calibration quality
- Follow SOPs
- Datasheet Generation and Model QA
- Cross-simulator porting, software installer and software program testing
- Board layout, inspection, and assembly

Applicants with a strong combination of the following characteristics are desired:

- College Degree Seeking Status, preferably as an Electrical Engineer and has or wants to take classes in RF/Microwave
- Good communication and analytical skills
- Good organizational skills
- Proficiency in MS Office software and microwave EDA software (e.g. Keysight ADS) and/or EM simulation tools (e.g. ANSYS HFSS)
- Basic understanding of electronic component behavior
- Experience with PCB board assembly and/or RF/Microwave measurements and simulation software a significant plus.
- Timeliness and accountability for agreed work schedules and work output deadlines.
- Availability to work as a student intern for a minimum of 1 year @ 10 hours/week or more, prior to graduation with BS, MS and/or Ph.D. degree. (as a general guideline).

Modelithics is 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.

Email your Word or PDF resume and pay requirements to careers@modelithics.com.

Contact Information:

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