

Requirement for an Sr. Electrical Engineer

About Scientific, Inc.

Scientific, Inc. is a VA-Certified, Veteran-Owned, Employee-Owned Small Business headquartered in Huntsville, AL specializing in nuclear and space radiation effects system survivability, analysis, verification, and testing. Scientific provides full service science and engineering solutions to complex problems facing national defense and aerospace programs supporting both government and prime contractors. We study environment induced failures; explore new concepts and theories; execute and interpret environmental models; develop new technology designs and materials; and collaborate with government, industry, and academia to implement solutions for our customers.

Job Description:

Scientific is seeking an experienced, mid-career Electrical Engineer who is a respected, results-oriented individual with experience working within team and individual environments. Desired experience: Analog and digital device and circuit design experience using industry standard design and layout tools; knowledge of modeling and simulation tools such as SPICE and TCAD; and hands on experience with formal problem solving and failure analysis tools and techniques. This position will allow the candidate to gain knowledge of semiconductor physics, radiation effects on semiconductor devices to include knowledge of radiation effects (TID, ELDRS, SEE, etc.) and experience using radiation simulators.

Education Requirements:

BS or MS Electrical Engineering (or Electrical Engineering Technology) with 15-20 years' experience.

Basic Qualifications (Required Skills/Experience):

Experience in managing multiple parallel projects and personnel resources.

Experienced in circuit design and schematic layout using industry standard EDA tools and techniques such as Cadence.

Experience prototyping with FPGA's.

Experience in modeling and simulation of circuits using tools such as SPICE and TCAD.

Experienced in bench top testing and analysis of semiconductor devices, circuits, and systems.

Experience with National Instruments (NI) LabVIEW software and High Performance Data Acquisition hardware such as the PXI chassis and components a plus.

Create reports based on test results.

Primary Job Location: Huntsville, AL

Job Posting: 4/17/2019

Position Type: Full-Time/Regular

Travel Requirements: Up to 10%.

Security Requirements: Candidate must be a U.S. Citizen and possess, or have the ability to possess, a final Secret Clearance.

Closing Date: 6/1/2019

Scientific is an Equal Opportunity/Affirmative Action Employer, M/F/Disability/Veteran.

Scientific believes in recognizing employees' worth by offering competitive salaries and benefits, including health, dental, and vision insurance, 401(k) contributions, educational reimbursement, and much more.