Requirement for an Early Career Electrical Engineer / Physicist

About Scientic, Inc.

Scientic, 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. Scientic 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. We are hiring an Electrical Engineer or Physicist in support of Strategic and Trusted Microelectronics.

The selected candidate will perform a variety of engineering assignments in planning and overseeing research, development, design, manufacture, test, installation, operation, and maintenance of electronic equipment and systems and generally as a member of a design, analysis or review team.

Job Description:

Scientic is seeking an early to early-career level Electrical Engineer or Physicist who is a respected, results-oriented individual with experience working in team and individual environments. Knowledge or experience in: Atomic Physics, Nuclear Physics, semiconductor Device Physics, and/or radiation effects on semiconductor devices. Experience in experimental hardware and software design and execution. Knowledge of radiation effects (TID, ELDRS, SEE, etc.) and or experience at radiation simulators a plus. Hands on experience with formal problem solving and failure analysis tools and techniques will be required. Software experience using LabView, MATLAB, C++, etc. a plus.

Education Requirements:

Bachelor's degree in Engineering or Physics and at least 3 years of job-related experience or equivalent.

Minimum Requirements:

Perform a range of design development, analysis or review tasks under some supervision.

Design a portion or section of an analysis or design review.

Generate sections of design specifications of more complex projects or complete specifications of less complex projects.

Prepare, deliver and submit technical presentations for in process design and review meetings.

Direct interface and liaison with customers at all levels from quotation to final design and test activities, design reviews and technical working group meetings to comply with requirements and specifications.

Verify and comply with engineering documentation standards and test procedures.

Preferred Qualifications:

Experience in modeling and simulation, experimental design, or testing of radiation-hardened electronics.

Experience with hardware security and trusted electronics issues.

Experience with semiconductor fabrication tools and processes

Active Secret Clearance

Primary Job Location: Huntsville, AL

Job Posting: 5/16/2025

Position Type: Full-Time/Regular

Travel Requirements: Up to 10%, as required.

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

Closing Date: 7/16/25

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

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