



TSC is an employee owned, high technology, small business engaged in providing engineering services to the U.S. Government and Industry. TSC's Systems Development and Production Division provides radar, communications and other electronic products to the missile, radar/sensor system, communications, control systems, data acquisition, and signal processing markets. The company has developed products ranging from chip-level, application-specific, integrated circuits (ASIC) to complete, turnkey radar and communication systems. TSC has established a state-of-the-art hardware capability that is well respected by customers in Government and industry. TSC also provides full spectrum systems engineering support including theoretical analysis, requirements generation, interface control, and test planning/execution/data analysis.

TSC's Systems Development and Production Division in Huntsville, AL is currently looking to hire an Electrical Engineer with an educational and/or industry focus in the analysis and design of RF/microwave and Analog/Mixed Signal circuits and systems for radars/sensors, missile electronics, communications systems or related applications.

Position Description: Electrical Engineer

Applicants must have a BS and 0-5 years of experience in industry. Analog, RF and microwave system analysis and/or hardware design and test experience is desired. Candidates must have a theoretical background through coursework or commensurate industry experience in one (or more) of the following areas:

- RF/Microwave Systems/Subsystems Design
- RF/Microwave System/Subsystem Test Equipment
- Radar & Communications Theory & Analysis
- Software defined Radar/Radio
- Analog/Mixed Signal Design

Applicants need to have experience with MathCad, Matlab or Python. Experience with Cadence OrCAD Capture schematic design software or similar is desired. Experience with AnSoft/Ansys HFSS, AWR Microwave Office or other similar simulation software tools is also a plus. Applicant will be expected to assist in developing white papers and analysis presenting concepts and possible solutions to technical problems.



Common responsibilities will include the following activities:

- RF, analog and mixed signal circuit and assembly design and testing.
- Electronics design studies and concept analysis.
- Supporting all phases of detailed system and subsystem hardware development activities, including upfront analysis, prototyping and end item development and evaluation in laboratory and field test environments.
- Hands on lab testing of in house developed electronics hardware. Common equipment used include vector network analyzers, spectrum analyzers, signal generators, and anechoic chambers.
- Analysis of measured data from laboratory and/or field testing of in-house develop hardware and systems. Comparison of expected performance or truth data to actual measured performance.

Ideal candidate will be a self-motivated, free-thinking individual capable of technical discussion, complex problem solving and scrutinizing prior assumptions.

Applicants must be U.S. citizens and will be required to obtain a security clearance.

TSC is an Equal Opportunity Employer. Qualified Veterans and Protected Class Candidates are encouraged to apply.

Send resumes to:
Employment-HSV@tsc.com