



Technology Service Corporation
an employee-owned company®

RADAR ENGINEER

Job Description:

Technology Service Corporation (TSC) has an immediate Radars Engineering position to perform ballistic missile scenario testing and data analysis to the AEGIS SPY radar Next Generation Simulator (NGS). The candidate must possess knowledge and demonstrated experience with radar fundamentals, especially as it relates to the AN/SPY1 radar. *There will be occasional travel to Moorestown, NJ and Wallops Island, VA (10% - 15% or less).* Additionally, knowledge of advanced radars such as Air & Missile Defense Radar (AMDR) and Dual Band Radar are desired, but not required.

Interested candidates will provide a resume that clearly address their qualifications and experience as it relates to the Job Responsibilities, as well as Required and Desired qualifications outlined in this posting.

Job responsibilities include, but are not limited to the following:

- Perform design, development, and review tasks related to SPY-1 Radar and associated Fidelity Improvements.
- Support and participate in radar and analysis engineering design, and design reviews.
- Assist in generation of specifications and engineering data.
- Perform other position related duties as assigned or requested.

Required Qualifications:

- **General Experience:**
 - Six (6) years general Navy Combat System experience:
 - General Combat Systems Experience – prior experience in any of the following: Combat Systems Design/Engineering; Combat System Computer Program Development; Combat System Certification, Combat System Simulation Engineering; or Combat System Simulation Computer Program Development.
 - Six (6) years specific experience:
 - Specific Experience – Radar System Engineering, specifically with the AN/SPY-1 radar, AMDR, DBR or any combination of the three.
 - The Senior System Engineer requires the training, skill and experience necessary to conduct detailed, complex radar system engineering activities.
 - Detailed knowledge of radar fundamentals to include Radar Cross Section (RCS), Signal to Noise Ratio (SNR), especially as it relates to SPY-1 and soon to be AMDR.

- A grasp of ECI, ECEF and ENU coordinate frames
- Ability to clearly communicate verbally and written form with the radar simulation development team, the sponsor of the radar simulation development team (V department) and the radar simulation accrediting agents (MDA and B department).
- **Must be a US Citizen, possessing or eligible for a DOD (Secret) Security Clearance**
 - DoD Secret Clearance is required for this position

Desired Experience: In addition to the general experience listed above

- A Bachelor's degree from a DoD accredited university in engineering, math or physics.
- Calculus II and Linear Algebra from an accredited college or university.
- A "100 level" college Physics understanding of ballistic motion.
- Demonstrated education and/or work experience with MATLAB or MATHEMATICA, and Java, C++ or an object oriented scripting language.
- AEGIS BMD 4 and/or BMD 5 experience.
- Signal Processing experience.
- MATLAB GUI development experience.

Security Clearance:

- **Must be a US Citizen**
- Selected applicant will be subject to a government security investigation and must meet eligibility requirements associated with access to classified information.
- **A SECRET clearance is required.**

Employment contingent upon:

- Resume approval
- Project funding
- Maintenance and continuance of security clearance

TSC offers a professional working environment, competitive salary, and an excellent benefits package including paid personal leave and holidays, salary deferrals into a 401(k) matching plan, tuition reimbursement, a short/long term disability plan, and medical, dental, and vision insurance for qualified positions.

To apply for this position

Qualified applicants should forward cover letter, resume and salary requirements to ***employment.dl@tsc.com***. Place ***RADAR ENGINEER*** in the subject line.

Only those candidates invited for an interview will be contacted. Employment is contingent upon the qualifying applicant undergoing a comprehensive background check. Submittals without salary requirements may not be reviewed.

TSC is committed to hiring and retaining a diverse workforce. We are an Equal Opportunity Employer, making decisions without regard to race, color, gender, gender identity, religion, age, sexual orientation, national or ethnic origin, disability, marital status or veteran status. TSC promotes affirmative action for minorities, women, disabled persons, and veterans.