



Phase IV Systems, an operation of Technology Service Corporation, is a small business in Huntsville, Alabama that 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. Phase IV Systems has established a state-of-the-art hardware capability that is well respected by customers in Government and industry. Phase IV Systems also provides full spectrum systems engineering support including theoretical analysis, requirements generation, interface control, and test planning/execution/data analysis.

The Systems Engineering and Analysis Group at Phase IV Systems is currently looking to hire a Systems Analyst with an educational and/or industry focus in the analysis and design of RF/microwave sensors and systems including but not limited to radars/sensors, missile seekers, and communications systems.

Position Description: Radar Systems Analyst

Applicants must have a Ph.D and greater than five years of experience in industry. Candidates must have a strong theoretical background and experience in one (or more) of the following areas:

- RF/Microwave Transmitter and/or Receiver Design
- Antenna & Array Design, Modeling & Testing
- Phase Locked Loop (PLL) Design & Modeling
- RF/Microwave System/Subsystem Test Equipment & Lab Testing
- Radar & Communication System/Subsystem Design, Analysis, Integration and/or Field Testing
- Radar & Communication System Waveforms/Modulation Analysis
- Radar & Communication System Digital Signal Processing

Applicants need to have experience with MathCad and/or Matlab. Experience with Simulink and/or C++ is a plus. Experience with AnSoft HFSS is desired.

Candidate shall have experience in generating proposal responses for Small Business Innovative Research (SBIR) contracts, Broad Agency Announcements



Technology Service Corporation
an employee-owned company

Phase IV Systems Operation

3405 Triana Blvd, Huntsville, AL 35805 Phone: (256) 535-2100 Fax: (256) 535-2110 www.phaseiv.com

(BAAs), and Requests for Information (RFI) and Requests for Quote/Proposal (RFQ/RFP) for other larger procurements. Applicant shall develop white papers and analysis presenting concepts and possible solutions to support overall Customers' efforts.

Candidate shall have experience in generating technical lectures. The candidate will be expected to give technical lectures at technical conferences, government and industry information and training seminars, universities and to employees for intercompany training. Experience/ambitions in teaching applicable technical courses at universities is desired.

Ideal candidate will be a self-motivated, free-thinking individual capable of technical discussion and scrutinizing prior assumptions. The candidate will have a personal interest in technical leadership and mentoring of other team members.

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

Technology Service Corporation is an Affirmative Action and Equal Opportunity Employer. Qualified Minorities, Females, Veterans and Persons with Disabilities are encouraged to apply.

Send resumes to:
careers@phaseiv.com
(256)-535-2100