JOIN OUR
# TEAM
SUPPORTING NATIONAL PRIORITY PROGRAMS

## Electronics Analyst | Indian Head, MD

### Responsibilities:

- Join an already established team with opportunity to grow. Support a Navy program, who deploys to various locations globally, performing device analysis, conduct VIP tours, impart knowledge to our coalition partners, and interact with leaders at all levels.
- Obtain and maintain up to a Top Secret/SCI clearance.
- Receive robust benefits package that includes Employee Stock Ownership Plan!
- Perform exploitation and reverse-engineering on IED electronic circuit boards and develop device characterization.
- Identify, capture, analyze and characterize electronic devices and components from IED circuit boards for arming, firing and source characteristics.

### What You'll Do:

- Report and brief critical finds to both military and DoD civilian leadership.
- Capture, characterize and identify IED electrical/electronic RF receiver and transmitter modules and circuit board characteristics, operating frequencies and power.
- Analyze recovered electronic components including switching circuits and power sources.
- Identify electronic IED components visually, conduct research and provide information, and develop accurate schematics of devices.
- Analyze, demodulate and decode signals in order to extract intelligence data using standardized demodulation and decoding tools and techniques for commonly encountered signals.
- Perform Electronic Data Recovery (EDR) of logical and physical data on cell phones and other media storage devices using hardware/software tools including Cellebrite UFED, XRY, FTK and other forensic tools and analyze EDR files to recover data that may be of investigative or intelligence value.
- Support development of countermeasures for electronic devices/signals.

### About AMERICAN SYSTEMS

Founded in 1975, AMERICAN SYSTEMS is one of the largest employee-owned companies in the United States. We are a government services contractor focused on delivering Strategic Solutions to complex national priority programs with 100+ locations worldwide. Our employee-owners are encouraged to make a difference, implement new ideas in a collaborative environment, and focus on mission critical success. Through our focus on quality, strong cultural beliefs and innovation we deliver excellence every day.

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### We're Proud to be an Award-Winning Company

- Provide information to assist in profiling and signature analysis.
- Produce storyboards and technical reports on captured data.
- Maintain and document chain of custody of items and data. Train replacement personnel on SOP.

## Qualifications:

- Current DOD Secret with the ability to obtain and maintain up to a Top Secret/SCI security clearance.
- Associate of Applied Science in Electrical Engineering Technology (AAS, two years) degree or an applicable technical field from an accredited college with 3-5 years of professional work experience in a relevant technical field or 5-7 years of professional military experience as an electronic technician.
- Physical ability and commitment to deploy globally as a CEXC team member.
- Ability to possess/handle firearms in support of CEXC operations with WTI Lexicon, SIPRNET and Community of Interest databases and portals is desired.
- Understanding of lab processes and workflow for device exploitation efforts and profiling.
- Knowledge in global IED devices and Tactics, Techniques, and Procedures (TTP) threat.
- Experience must include electronic printed circuit board (PCB) assembly and troubleshooting, Radio Frequency (RF) field, operation of lab instrumentations including oscilloscopes, spectrum analyzers, power supplies, communication receivers, RF signal generators and handheld digital multi-meters and schematic capture tools.
- Experience working with a CEXC, WTI, counter-improvised explosive device (C-IED) Team, DTK, JEFF, TEDAC, NGIC, DIA or ATF Lab.
- Experience developing and supporting the Weapons Technical Intelligence Enterprise.
- Prior U.S. Military or civilian experience working in EOD or C-IED.

Interested? Contact: [Alex.Raza@AmericanSystems.com](mailto:Alex.Raza@AmericanSystems.com)

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