1141856 - Telemetry and Signals Analyst - Entry to Experienced Level (Multiple Locations)

Fort Meade, MD

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Responsibilities

The professionals at the National Security Agency (NSA) have one common goal: to protect our nation. The mission requires a strong offense and a steadfast defense. The offense collects, processes and disseminates intelligence information derived from foreign signals for intelligence and counterintelligence purposes. The defense prevents adversaries from gaining access to sensitive classified national security information. Signals Analysis is a technical discipline that seeks to identify the purpose, content and user(s) of signals. Given today's rapidly evolving global communication, the NSA must maintain and develop a highly talented and diverse workforce of Signals Analysts who are a vital part in maintaining our technical capabilities to use the most sophisticated means to recover, understand, exploit and derive intelligence from all manner of foreign signals. Description of the Job Telemetry and Signals Analysts are hired into positions directly supporting a technical mission office. The work done by our Analysts is of the utmost importance to National Security and the defense of our Nation. Only the most skilled and dedicated are able to join our team. If you have what it takes please apply and be part of the agency that is on the front line of Modern Warfare. Telemetry use in the defense industry includes spacecraft monitoring, aircraft development, and weapons system testing. Telemetry is used by manned and unmanned spacecraft for various data transmissions including monitoring the health of astronauts as well as the health and status of the actual spacecraft. Telemetry for weapons testing includes monitoring temperatures, vibrations, accelerations, positions and status of various subsystems. Telemetry is also used for range safety related to flight testing to determine flight termination criteria. The role of a telemetry analyst is to reverse engineer the data transmitted by various systems to determine the performance characteristics and capabilities of these systems. Signals Analysts supporting a technical mission office analyze signals from various sources, including foreign communications, radar and other electronic systems. The selected individual will work in a dynamic environment with duties that can include the following: - Identify and analyze waveforms in different domains (e.g., weapon systems, communications systems) - Identify and analyze bitstreams (e.g., multiplexers, error correction, voice and video compression, instrumentation systems) - Identify and analyze protocols (e.g., link layer, network layer, application layer)

Skills

The ideal candidate is someone with a desire for continual learning and strong problem-solving, analytic and interpersonal skills who is/can: - accountable - flexible - resilient - communicate effectively - collaborate with others Specialized skills and experience in one or more of the following is desired: - applying specialized tools and computer-based programs to process data for analytic problems - assessing applicability of available tools to various situations - combining analytics, tools, and visualization to support analysis - interpreting output of specialized tools
and computer-based programs - programming / script development - weapon system design or testing - telemetry system design or implementation

**Pay, Benefits, & Work Schedule**

On-the-job training, Internal NSA courses, and external training will be made available based on the need and experience of the selectee. Work Schedule: Monday - Friday, with basic 8hr/day work requirements between 0600 and 1800 (flexible).

**Position Summary**

As an Engineering and Physical Science professional, you will use your skills to create the systems and tools that will be used to enhance the operation of intelligence. You will advise, administer and perform scientific projects, such as planning, designing, and constructing specialized equipment, and ensuring adherence to sound engineering and scientific standards and principles. The NSA offers multiple areas of focus for facilities engineers, including computer, architectural, electrical, mechanical, and structural. In addition, we are seeking skills that include computer design, microelectronics, radio frequency design, and systems engineering. Apply your science and engineering skills to protect the nation.

**Qualifications**

Salary Range: $72,351 - $90,157 (Entry/Developmental) - NSA Headquarters Salary Range: $72,351 - $90,157 (Entry/Developmental) - NSA Colorado Salary Range: $72,351 - $90,157 (Entry/Developmental) - NSA Georgia Salary Range: $72,351 - $90,157 (Entry/Developmental) - NSA Hawaii Salary Range: $72,351 - $90,157 (Entry/Developmental) - NSA Texas *The qualifications listed are the minimum acceptable to be considered for the position. Salary offers are based on candidates’ education level and years of experience relevant to the position and also take into account information provided by the hiring manager/organization regarding the work level for the position. Entry is with a Bachelor's degree and no experience. A high school diploma or GED plus 4 years of relevant experience, or an Associate's degree plus 2 years of relevant experience will be considered for applicants who have completed relevant military degree programs (or equivalent), OR who have completed relevant military training [for example, 9141 (Navy Intermediate Technical ELINT Analyst), 1N2A (Air Force Intermediate Technical ELINT Analyst), 451 (Intermediate Signals Analysis) or 452 (Advanced Signals Analysis)], OR who have participated in or graduated from a relevant training program such as the Military COMINT Signals Analysis Program (MCSAP). Degree must be in Engineering, Mathematics, Computer Science, a Physical Science, or a related technical field. A broader range of degrees will be considered for those who have completed a relevant training program listed above (e.g., 9141, 1N2A, 451, 452 or MCSAP). Relevant experience must be in signals analysis (preferably related to weapons system and/or satellite signals) or design and engineering of aerospace systems Salary Range: $83,692 - $112,240 (Full Performance) - NSA Headquarters Salary Range: $83,692 - $111,469 (Full Performance) - NSA Colorado Salary Range: $83,692 - $111,469 (Full Performance) - NSA Georgia Salary Range: $83,692 - $111,469 (Full Performance) - NSA Hawaii Salary Range: $83,692 - $111,469 (Full Performance) - NSA Texas *The qualifications listed are the minimum acceptable to be considered for the position. Salary
offers are based on candidates’ education level and years of experience relevant to the position and also take into account information provided by the hiring manager/organization regarding the work level for the position. Entry is with a Bachelor's degree plus 3 years of relevant experience or a Master's degree plus 1 year of relevant experience, or a Doctoral degree and no experience. A high school diploma or GED plus 7 years of relevant experience, or an Associate's degree plus 5 years of relevant experience will be considered for applicants who have completed relevant military degree programs (or equivalent), OR who have completed relevant military training [for example, 9141 (Navy Intermediate Technical ELINT Analyst), 1N2A (Air Force Intermediate Technical ELINT Analyst), 451 (Intermediate Signals Analysis) or 452 (Advanced Signals Analysis)], OR who have participated in or graduated from a relevant training program such as the Military COMINT Signals Analysis Program (MCSAP). Degree must be in Engineering, Mathematics, Computer Science, a Physical Science, or a related technical field. A broader range of degrees will be considered for those who have completed a relevant training program listed above (e.g., 9141, 1N2A, 451, 452 or MCSAP). Relevant experience must be in signals analysis, at least some of it specifically with weapons system and/or satellite signals and/or design and engineering of aerospace systems. Salary Range: $102,663 - $157,709 (Senior) - NSA Headquarters Salary Range: $100,027 - $153,659 (Senior) - NSA Colorado Salary Range: $93,822 - $140,146 (Senior) - NSA Georgia Salary Range: $94,071 - $144,510 (Senior) - NSA Hawaii Salary Range: $93,822 - $141,138 (Senior) - NSA Texas *The qualifications listed are the minimum acceptable to be considered for the position. Salary offers are based on candidates’ education level and years of experience relevant to the position and also take into account information provided by the hiring manager/organization regarding the work level for the position. Entry is with a Bachelor's degree plus 6 years of relevant experience or a Master's degree plus 4 years of relevant experience or a Doctoral degree plus 2 years of relevant experience. A high school diploma or GED plus 10 years of relevant experience, or an Associate's degree plus 8 years of relevant experience will be considered for applicants who have completed relevant military degree programs (or equivalent), OR who have completed relevant military training [for example, 9141 (Navy Intermediate Technical ELINT Analyst), 1N2A (Air Force Intermediate Technical ELINT Analyst), 451 (Intermediate Signals Analysis) or 452 (Advanced Signals Analysis)], OR who have participated in or graduated from a relevant training program such as the Military COMINT Signals Analysis Program (MCSAP). Degree must be in Engineering, Mathematics, Computer Science, a Physical Science, or a related technical field. A broader range of degrees will be considered for those who have completed a relevant training program listed above (e.g., 9141, 1N2A, 451, 452 or MCSAP). Relevant experience must be in signals analysis, primarily with weapons system and/or satellite signals. Some of the relevant experience may be in design and engineering of aerospace systems.

How To Apply - External

To apply for this position, please click the 'Apply' button located at the top right of this posting. After completing the application for the first time, or reviewing previously entered information, and clicking the 'Submit' button, you will receive a confirmation email. Please ensure your spam filters are configured to accept emails from noreply@intelligencecareers.gov. ***PLEASE NOTE: U.S. Citizenship is required for all applicants. Reasonable accommodations provided to applicants with disabilities during the application and hiring process where appropriate. NSA is an equal opportunity employer and abides by applicable employment laws and regulations. All
applicants and employees are subject to random drug testing in accordance with Executive Order 12564. Employment is contingent upon successful completion of a security background investigation and polygraph. This position is a Defense Civilian Intelligence Personnel System (DCIPS) position in the Excepted Service under 10 U.S.C. 1601. DoD Components with DCIPS positions apply Veterans' Preference to eligible candidates as defined by Section 2108 of Title 5 USC, in accordance with the procedures provided in DoD Instruction 1400.25, Volume 2005, DCIPS Employment and Placement. If you are a veteran claiming veterans' preference, as defined by Section 2108 of Title 5 U.S.C., you may be asked to submit documents verifying your eligibility. Please note that you may be asked a series of questions depending on the position you apply for. Your responses will be used as part of the screening process of your application and will assist in determining your eligibility for the position. Be sure to elaborate on experiences in your resume. Failure to provide the required information or providing inaccurate information will result in your application not being considered for this position. Only those applicants who meet the qualifications for the position will be contacted to begin employment processing. Please Note: Job Posting could close earlier than the closing date due to sufficient number of applicants or position no longer available. We encourage you to apply as soon as possible.

**DCIPS Disclaimer**

The National Security Agency (NSA) is part of the DoD Intelligence Community Defense Civilian Intelligence Personnel System (DCIPS). All positions in the NSA are in the Excepted Services under 10 United States Codes (USC) 1601 appointment authority.