



General Position Information

Job Title: Analytic Methodologist/Data Scientist

Position Number: NC019

Salary Range: \$87,198 - \$134,798 (not applicable for detailees)

Vacancy Open Period: 4/20/2021 – 5/12/2021

Position Type: Cadre, Detailee

Who May Apply: Internal and External Candidates, Detailees

Division: NCTC/DI

Duty Location: McLean, Virginia

Security Clearance: TS/SCI with CI Polygraph

Travel Required: 0-25% Travel

Relocation Expenses: For new ODNI employees, reimbursement for relocation is discretionary based on availability of funds.

Job Interview Travel: Candidates from outside the Washington, D.C., area may be selected for a telephone, teleconference, or in-person interview. If selected for an in-person interview, any travel or lodging will be at the applicant's personal expense.

Position Information

This is an opportunity for:

- An internal or external candidates to fill a GS-13 cadre position.
- A Federal Government employee to serve on a two-year reimbursable detail assignment in the ODNI. The detail assignment may be extended an additional year if all parties agree.

Who May Apply

Current GS employees at the same grade or up to one grade below may apply.

Former members of the Peace Corps may be considered for ODNI employment only if five full years have elapsed since separation from the Peace Corps.

- For a cadre assignment:
 - Current ODNI permanent cadre.
 - Candidates outside the Federal Government.



- For a detailee assignment:
 - Current Federal Government employees. (Current GS employees at the same grade or up to one grade below may apply.)

Salary Determination

- The ODNI uses a rank-in-person system in which rank is attached to the individual.
- A selected ODNI candidate or other Federal Government candidate will be assigned to the position at the employee's current GS grade and salary.
- For a selected non-Federal Government candidate, salary will be established within the salary range listed above, based on education and experience.

Component Mission:

The National Counterterrorism Center (NCTC) leads our nation's effort to combat terrorism at home and abroad by analyzing the threat, sharing that information with our partners, and integrating all instruments of national power to ensure unity of effort. The Center serves as the primary organization in the United States Government (USG) for analyzing and integrating all intelligence possessed or acquired by the USG pertaining to terrorism and counterterrorism, and its Director serves as the Counterterrorism Mission Manager. NCTC also serves as the central and shared knowledge bank on known and suspected terrorists and international terrorist groups, as well as their goals, strategies, capabilities, and networks of contacts and support. In addition, NCTC conducts strategic operational planning for counterterrorism activities, coordinating and integrating the efforts of departments and agencies across the Federal Government.

Major Duties and Responsibilities:

The National Counterterrorism Center's Directorate of Intelligence (NCTC/DI) seeks a data analyst/methodologist with digital acumen, strong interpersonal skills, and demonstrated experience in one or more of the following areas: applied mathematics (e.g., probability and statistics, graph analytics, machine learning, artificial intelligence theory); computer programming (e.g., programming languages, computer science, scientific computing); social network analysis; or data visualization. NCTC/DI comprises a mix of creative and empowered data scientists, methodologists, and strategic and targeting analysts who innovate, apply, and integrate quantitative analyses into DI production. DAG develops creative quantitative solutions to hard intelligence questions in close collaboration with DI analysts. We also develop methodologies, scripts and algorithms to empower analysis of a wide range of CT data using advanced analytics and machine learning.

- In close collaboration with analysts and IC partners, design, create, and modify approaches using scientific computing, programming, mathematics, and analytic methodologies to help answer intelligence questions and use data in analysis.
- Collaborate with IC collectors and analysts to determine the data needed to close gaps on complex intelligence problems.
- Develop insights and findings for a range of complex, sophisticated intelligence products for operational and policy customers.



- Translate complex, technical findings into an easily understood narrative, including through the appropriate and creative use of visualizations and within technical documentation.
- Challenge assumptions, actively participate in peer review, and collaborate with teammates on projects.
- Proactively offer novel solutions for analytic problems and regularly look for opportunities to turn ideas into action and inject creativity.

Mandatory Requirements:

- Demonstrated organizational and interpersonal skills to facilitate diverse forums, manage competing priorities and advocate new ideas/concepts/processes; demonstrated ability to exercise independent judgment on time-sensitive issues and work collaboratively across the IC.
- Demonstrated ability to apply analytic, quantitative, and qualitative techniques to analyze, evaluate, and recommend appropriate alternatives to complex issues.
- Demonstrated ability to conceptualize, organize, and draw inferences from incomplete data and present a compelling analysis of findings and issues; demonstrated ability to identify, articulate, document, and mitigate knowledge gaps or alternative approaches.
- Demonstrated ability to communicate clearly, both orally and in written reports, in a manner that is targeted to and meets the needs of diverse audiences, to include senior-level officials.
- Ability to be proactive, maintain flexibility, and sustain momentum in changing or amorphous environments.

Desired:

- Thorough knowledge of individual, organizational, and technical or transnational issues of national security concerns, especially terrorism.
- Experience with all-source strategic or tactical intelligence analysis and familiarity with a wide range of IC data sets.
- Experience in applying advanced qualitative and quantitative analytic methodologies to the terrorism problems set.
- Education: Bachelor's degree or commensurate training and/or experience in a quantitative or technical field of study (e.g. statistics, mathematics, computer science, physical science, and economics.)
- Working knowledge of Python or R.
- Experience with machine learning or NLP.

Key Requirements and How to Apply:

Internal ODNI Cadre Candidates must submit an application through the classified [JobsDNI](#) website.

For current employees who do not currently have access to internal systems, applications should be sent to either DNI-HR-HRM-TEAMC-Mailbox@cia.ic.gov (classified email system) or Recruitment_TeamC@dni.gov (unclassified email system).

Applicants experiencing technical issues may submit their application via email to either email system.



All attachments should be in Microsoft Word or Adobe PDF format.

Applications submitted through the classified email system should NOT contain classified information above the TS//SI//TK//NOFORN level.

External Candidates:

Key Requirements:

- U.S. Citizenship.
- Successful completion of CI polygraph and background investigation.
- Successful completion of an ODNI medical screening.
- A two-year trial period is required for all new permanent appointments to the ODNI.

A complete application must include:

- RESUME:** Applicants are encouraged to carefully review the vacancy announcement, particularly the MDRs, and construct their resume to highlight their most significant experience and qualifications relevant to this job opportunity.
- PERFORMANCE EVALUATIONS:** Applicants are required to provide their two most recent performance evaluations. A justification is required in the cover letter if the applicant is unable to provide the two most recent evaluations.
- VACANCY NUMBER:** Reference the vacancy number in the subject line of the email and on each document submitted.
- COVER LETTER:** Applicants must submit a cover letter as a supplement to the resume to elaborate on their qualifications and previous work performed.
- SF-50:** Current or former Federal Government employees must provide an SF-50, "Notification of Personnel Action," to verify current federal status, position, title, grade, and organization of record.
- APPLICANTS CURRENTLY EMPLOYED BY A COMPETITIVE SERVICE AGENCY:** Must provide a written statement that they understand that, if selected for a position with ODNI, they are leaving the competitive service voluntarily to accept an appointment in the excepted service.

WHERE TO SUBMIT: *External Candidates must submit an application through the www.intelligencecareers.gov.* All attachments should be in Microsoft Word or Adobe PDF format and uploaded to [YELLO](#).



CURRENT FEDERAL EMPLOYEES APPLYING FOR A DETAIL ASSIGNMENT:

Applicants from federal agencies within the Intelligence Community (IC) may be considered for this position as a reimbursable detailee, if endorsed by the employing agency. Applicants must have current TS/SCI clearances with polygraph or have the ability to obtain one. The ODNI does not conduct polygraphs or provide security clearances for detailees. *Applicants from within the IC must submit an application through the classified IC Joint Duty Program website.*

Applicants from federal agencies outside the IC must provide:

- a. **WRITTEN ENDORSEMENT** from the employing agency concurring with the detail.
- b. **RESUME:** Applicants are encouraged to carefully review the vacancy announcement, particularly the MDRs, and construct their resume to highlight their most significant experience and qualifications relevant to this job opportunity.
- c. **PERFORMANCE EVALUATIONS:** Applicants are required to provide their two most recent performance evaluations. A justification is required in the cover letter if the applicant is unable to provide the two most recent evaluations.
- d. **VACANCY NUMBER:** Reference the vacancy number in the subject line of the email and on each document submitted.
- e. **CURRENT SF-50:** Federal Government employees must provide an SF-50, "Notification of Personnel Action" to verify current federal status, position, title, grade, and organization of record. Please disregard if you are not a Federal Government employee.
- f. **COVER LETTER:** Applicants must submit a cover letter as a supplement to the resume to elaborate on their qualifications and previous work performed.

WHERE TO SUBMIT: For current employees who do not currently have access to internal systems, applications should be sent to either DNI-HR-HRM-TEAMC-Mailbox@cia.ic.gov (classified email system) or Recruitment_TeamC@dni.gov (unclassified email system).

Applicants experiencing technical issues may submit their application via email to either email system.

All attachments should be in Microsoft Word or Adobe PDF format.

Applications submitted through the classified email system should NOT contain classified information above the TS//SI//TK//NOFORN level.

All Applicants:

APPLICATION PACKAGES MUST CONTAIN ALL ITEMS LISTED ABOVE. AN INCOMPLETE APPLICATION PACKAGE WILL BE INELIGIBLE FOR CONSIDERATION.



Your application **MUST** be received by midnight on the closing date of this announcement. Applications received after the closing date will **NOT** be eligible for consideration.

To verify receipt of your application package **ONLY**, you may call 703-275-3955.

What to Expect Next

The most highly qualified candidates will be referred to the hiring manager for further consideration and possible interview. We expect to make a selection within 30 days of the closing date of this announcement. Due to the large number of applications received, applicants will be contacted **ONLY** if they have been selected for an interview.

Agency Contact Information

ODNI Recruitment; Phone: 703-275-3955; Email: Recruitment_TeamC@dni.gov

Other Information

The ODNI is an excepted service agency, therefore because this position is in the excepted service, it may not be filled by competitive appointment, and acceptance of the proposed appointment will take applicants in competitive service positions outside the competitive service while occupying the excepted service position.

The ODNI offers a broad array of benefits programs and family friendly flexibilities for ODNI cadre.

- Federal Employees Health Benefits Program: <http://www.opm.gov/insure/health/index.asp>
- Life Insurance: <http://www.opm.gov/insure/life/index.asp>
- Long-Term Care Insurance: <http://www.ltcfeds.com>
- Federal Employees Retirement SYSTEM (FERS) (new employees automatically covered): <http://www.opm.gov/retire/index.asp> If you are transferring from another agency and covered by the Civil Service Retirement System (CSRS), you may continue in that system.
- Annual and Sick Leave: <http://www.opm.gov/oca/leave/index.asp>
- Flexible Spending Accounts for Health Care and Dependent Care: <http://www.fsafeds.com/fsafeds/index.asp>
- Paid Federal Holidays
- Alternative Work Schedules

The ODNI is an equal opportunity employer and abides by applicable employment laws and regulations.

REASONABLE ACCOMMODATIONS FOR PERSONS WITH DISABILITIES: The ODNI provides reasonable accommodations to otherwise qualified applicants with disabilities. **IF YOU NEED A REASONABLE ACCOMMODATION** for any part of the application and hiring process, please notify the



OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE

L E A D I N G I N T E L L I G E N C E I N T E G R A T I O N

Intelligence Community Equal Employment Opportunity and Diversity Office Representative by classified email at DNI_Reasonable_Accommodation_WMA@cia.ic.gov and DNI_Diversity_WMA@cia.ic.gov, by unclassified email at DNI_DRA@dni.gov, by telephone at 703-275-3900 or by FAX at 703-275-1217 . Your request for reasonable accommodation will be addressed on a case-by-case basis. **PLEASE DO NOT SUBMIT YOUR APPLICATION TO THE EEOD EMAIL ADDRESS. THIS EMAIL IS FOR REASONABLE ACCOMMODATION REQUESTS ONLY. PLEASE SUBMIT YOUR APPLICATION VIA THE EMAIL ADDRESS PROVIDED IN THE 'HOW TO APPLY' SECTION ABOVE.**