



General Position Information

Job Title: Data Scientist - Futures Group, Office of Information Technology Services (ITS)

Position Number: NC084

Position Grade: GS-12

Salary Range: \$89,834 - \$116,788 (not applicable for detailees)

Vacancy Open Period: 05/02/2022 – 05/17/2022

Position Type: Cadre, Detailee

Who May Apply: Internal and External Candidates, Detailees

Division: DNI/NCTC

Duty Location: Reston, VA

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 candidate to fill a GS -12 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

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 employees at the same grade or one grade lower than the advertised position grade may apply.
 - Current Federal Government employees at the same grade as the advertised position grade may apply.



- Candidates outside the Federal Government.
- Current ODNI Staff Reserve employees. (A staff reserve employee who currently occupies this position may not apply.)
- For a detailee assignment:
 - Current Federal Government employees at the same grade or one grade lower than the advertised grade 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.
- A current Federal Government employee, selected for a detail, will be assigned to the position at his or her current 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 (MDRs)

Compile intelligence issues and problems for internal customers.

Engage with customers to understand and participate changing needs and requirements; determine substantive questions. Offer recommendations for resolution based on quantitative analysis.

Build and exploit databases and files.

Collaborate with more senior data scientist and IC collectors to identify and close gaps on the intelligence problems; propose data collection and analysis strategies to fill intelligence gaps.

Contribute to thorough, well-argued, and authoritative tactical and strategic analytic products (e.g. technical articles, graphic depictions, intelligence reports) summarizing the methods and results of data analysis.

Acquire, process, and refined data sets from various sources; utilizing computer programming, when necessary.



Analyze, evaluate, and assess quantitative data (using statistical software, computer models, geospatial models, software languages, mathematical models) to contribute to the development of software tools, analytical models, or reports.

Conduct statistical, mathematical, geospatial modeling, or data mining analysis in partnership with other data scientist or analyst colleagues.

Project possible outcomes using computational simulations, scenario analysis, machine learning, agent-based modeling, or other advanced analytical techniques.

Identify and use standardized methodologies and analytic tools to address existing or potential intelligence problems and collections strategies; participate on teams to develop new technologies and applications, as needed.

Participate on project teams to determine and employ the most appropriate research design for data collection and analysis.

Participate in briefings that clearly and concisely convey technical analytic projects.

Mandatory and Educational Requirements

Basic knowledge of individual, organizational, and technical or transnational issues of national security concern.

Basic knowledge of business operations and associated processes.

Basic knowledge of appropriate analytic methods and methodological tools in one or more of the following areas: Applied Mathematics (e.g. probability and statistics, formal modeling, computational social sciences); Computer Programming (e.g. programming languages, math/statistics packages, computer science, machine learning, scientific computing); and Visualization (e.g. GIS/geospatial analysis, telemetry analysis).

Basic knowledge of research designs. Basic ability to develop comprehensive computer software applications, as needed.

Basic ability to leverage multiple data management tools to organize relevant information and make decisions.

Basic ability to apply intellectual curiosity; creativity and innovation to go beyond current tools to deliver the best solution to complex problems.

Basic ability to effectively communicate complex, multi-disciplinary ideas and insights.

Basic ability to identify and/or develop business opportunities.

Basic ability to translate complex, technical findings into an easily understood narrative (i.e. tell story with data).

Basic analytical and critical thinking skills, including superior ability to think strategically.

Basic ability to multitask and change focus quickly as demands change.



Basic ability to evaluate data drawing pertinent inferences from data trend analysis, and interpretation of such inferences in keeping with the requirements of officials responsible for planning or for making policy decisions.

Desired Requirements

Education: Bachelor's degree in quantitative or technical field of study (e.g. statistics, mathematics, computer science, physical science, economics, Geographic Information Systems).

Key Requirements and How to Apply

Internal ODNI Candidates:

A complete application package must include:

- a. **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.
- b. **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.
- c. **POSITION NUMBER:** Reference the position number in the subject line of the email and on each document submitted.
- d. **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: *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-COO-HRM-Vacancies-Mailbox@cia.ic.gov (classified email system) or HRM-HR-OPS-VACANCY-TEAM@dni.gov (unclassified email system). Applicants experiencing technical issues may submit their application via email to either email system.

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:



- a. **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.
- b. **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.
- c. **POSITION NUMBER:** Reference the position number in the subject line of the email and on each document submitted.
- d. **COVER LETTER:** Applicants must submit a cover letter as a supplement to the resume to elaborate on their qualifications and previous work performed.
- e. **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.
- f. **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.

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 federal agencies outside the IC must provide:

WRITTEN ENDORSEMENT from the employing agency concurring with the detail.

- a. **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.
- b. **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.
- c. **POSITION NUMBER:** Reference the position number in the subject line of the email and on each document submitted.
- d. **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.
- e. **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: *Applicants from within the IC must submit an application through the classified IC Joint Duty Program website.* Applicants from federal agencies outside the IC should be sent to either DNI-COO-HRM-Vacancies-Mailbox@cia.ic.gov (classified email system) or HRM-HR-OPS-VACANCY-TEAM@dni.gov (unclassified email system).

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

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 703-275-3888

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: 703-275-3888; Email: HRM-HR-OPS-VACANCY-TEAM@dni.gov.

Other Information

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

COVID-19 Vaccination Requirement: To ensure compliance with an applicable nationwide preliminary injunction, which may be supplemented, modified, or vacated, depending on the course of ongoing litigation, the federal government will take no action to implement or enforce the COVID-19 vaccination requirement pursuant to Executive Order 14043 on Requiring Coronavirus Disease 2019 Vaccination for federal employees. Therefore, to the extent a federal job announcement includes the requirement that applicants must be fully vaccinated against COVID-19 pursuant to Executive Order 14043, that requirement does not currently apply.

Federal agencies may request information regarding the vaccination status of selected applicants for the purposes of implementing other workplace safety protocols, such as protocols related to masking, physical distancing, testing, travel, and quarantine.

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 Reasonable Accommodation Office Representative by classified email at DNI_Reasonable_Accommodation_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.



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

THIS EMAIL IS FOR REASONABLE ACCOMMODATION REQUESTS ONLY. PLEASE SUBMIT YOUR APPLICATION VIA THE EMAIL ADDRESS PROVIDED IN THE 'HOW TO APPLY' SECTION ABOVE.

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