Data Scientist (Add to Job Cart)

Work Schedule: Full Time
Salary: $61,444 – $139,523
Location: Washington, DC metropolitan area

Do you have a passion for creating data-driven solutions to the world's most difficult problems? The CIA needs technically-savvy specialists to organize and interpret Big Data to inform US decision makers, drive successful operations, and shape CIA technology and resource investments. The CIA is looking for individuals from diverse educational backgrounds to fill the role of data scientist. If you have experience in data analytics, computer science, mathematics, statistics, economics, operations research, computational social science, quantitative finance, engineering or other data analysis fields, consider a career as a Data Scientist at CIA.

As a Data Scientist at CIA you will get to work with advanced hardware, software, and techniques to develop computational algorithms and statistical methods that find patterns and relationships in large volumes of data. Through CIA's global mission, the agency has access to unique data sets that can be analyzed in one computational environment. Successful applicants will have keen technical insight, creativity, initiative, and a curious mind.

Data Scientists will be expected to communicate their conclusions clearly to a lay audience and become experts through continued education, attending academic and technical conferences, and collaboration with the Intelligence Community.

Positions available range from entry level to full performance.

Qualifications:

Entry Level: Bachelor's degree and experience with applied quantitative research working with real world data, either through thesis research, internships, or work experience. Applicants should have demonstrated creativity, initiative, and leadership abilities.

Developmental: A Bachelor's or Master's degree and 2-5 years of work experience in a Data Science equivalent field or sub-field, working with data rich problems either through research or programs and experience with computer programming. Applicants should have demonstrated ability to successfully complete projects with large or incomplete data sets and be able to provide solutions.

Full Performance: A Master's degree, or equivalent work experience, and 5+ years experience in a field where you have applied technical methods to a substantive problem. Applicants should be an expert in their field and have demonstrated ability leading Interdisciplinary teams throughout the full course of a project's life-cycle.

Minimum Requirements: A Bachelor's degree with a GPA of 3.0 or better on a 4.0 scale as well as initiative, creativity, integrity, technical excellence and strong interpersonal and communication skills. A self-starter attitude, the ability to work independently and in a group, demonstrated initiative, and writing/briefing skills are also required.
The following items must be attached to your online application:

• Your resume.
• A cover letter in which you specify your qualifications for one or more positions.
• Unofficial transcripts for all degrees.
• A writing sample, five (5) pages MAXIMUM, single spaced, technical or analytic paper that focuses on your current area of expertise or interests and is related to your interest in positions at CIA. You can excerpt longer papers.

Preferred: Some advanced statistical or computational programming and familiarity with modern databases and distributed computing systems is strongly preferred. Programming expertise with the leading Big Data information management platforms and statistical software packages is a plus. Some domestic and overseas mobility is also preferred.

ALL POSITIONS REQUIRE RELOCATION TO THE WASHINGTON DC METROPOLITAN AREA.

All applicants must successfully complete a thorough medical and psychological exam, a polygraph interview and an extensive background investigation. US citizenship is required.

To be considered suitable for Agency employment, applicants must generally not have used illegal drugs within the last twelve months. The issue of illegal drug use prior to twelve months ago is carefully evaluated during the medical and security processing.

Important Notice: Friends, family, individuals, or organizations may be interested to learn that you are an applicant for or an employee of the CIA. Their interest, however, may not be benign or in your best interest. You cannot control whom they would tell. We therefore ask you to exercise discretion and good judgment in disclosing your interest in a position with the Agency. You will receive further guidance on this topic as you proceed through your CIA employment processing.

To Apply:

Save the position(s) that interest you in the job cart. You can add up to four (4) positions. Job cart selections will only be retained during this site visit, so be sure to click “Apply Now” before closing the browser window. After clicking "Apply Now" you will be taken to the application account creation page. The positions will appear in the cart once you have created an account. DO NOT submit multiple applications; this will only slow the review of your application and delay processing. Please read the Application Instructions carefully before you begin the online application process.