

Data Scientist

at MORSE Corp ([View all jobs](#))

Cambridge, MA

Apply Now

MORSE is searching for a Data Scientist with expertise in data analysis, data science, and algorithm development in one or more of a variety of fields including visual classification, big data, natural language processing, machine translation, time sequenced data, and advanced metrics. You will be part of teams performing Test and Evaluation (T&E) of AI and machine learning models and algorithms to give national security customers insights into the capabilities of applying AI to solve real world problems.

Responsibilities:

- Perform data analysis, test and evaluation of existing machine learning algorithms, and development of advanced algorithms to model physical and autonomous systems,
- Work with MORSE's current team of engineers to transition algorithms to software applications and real-time embedded systems.
- Support the transition of the developed algorithms to software using one or more programming languages such as Python, C, C++, Java, or MATLAB.
- Work with customers, stakeholders, and other vendors to present concepts, analyses, and test results
- Present a path forward and solutions to solve complex data problems
- Research and identify new methods for machine learning and data analysis

Requirements:

- US CITIZENSHIP REQUIRED and the ability to obtain a U.S. Security Clearance
- Masters or Ph.D in Data Science, Computer Science, Engineering, Applied Mathematics, Physics, Physical or Biological Sciences or a related field
- 3+ years of experience in Data Science or Analysis
- Solid understanding of data analysis, physics, linear algebra, statistics, algorithms, optimization, and/or machine learning methods
- Proficiency in one or more programming languages like Python, Matlab, C, or C++
- Demonstrated experience with large, multidimensional, or complex data sets in one or more of the following areas: parsing, cleaning, storage strategies, provenance tracking, database formats, and parallelized data transformations
- Good communication skills
- Self-starter and driven
- Prior experience in defense is a plus

MORSE is an innovative, employee-owned, tech company specializing in solving multi-disciplinary problems faced by the US National Security Ecosystem. Our specially selected team of engineers, software developers and scientists develop algorithms, software, and hardware in the domains of AI, Manned and Unmanned Vehicles, Mission Planning, and Warfighter Situational Awareness.

The team at MORSE takes pride in being the smart team that is easy to work with. We focus on steady, long-term success while maintaining a collaborative, enjoyable work experience for its employees. Our team values work-life balance through flexibility and other programs, along with a comprehensible benefits package for employees and families. For more information, please visit www.morsecorp.com.

Apply for this Job

* Required

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Voluntary Self-Identification

For government reporting purposes, we ask candidates to respond to the below self-identification survey. Completion of the form is entirely voluntary. Whatever your decision, it will not be considered in the hiring process or thereafter. Any information that you do provide will be recorded and maintained in a confidential file.

As set forth in MORSE Corp’s Equal Employment Opportunity policy, we do not discriminate on the basis of any protected group status under any applicable law.

Gender

Please select

▼

Are you Hispanic/Latino?

Please select

▼

[Race & Ethnicity Definitions](#)



If you believe you belong to any of the categories of protected veterans listed below, please indicate by making the appropriate selection. As a government contractor subject to the Vietnam Era Veterans Readjustment Assistance Act (VEVRAA), we request this information in order to measure the effectiveness of the outreach and positive recruitment efforts we undertake pursuant to VEVRAA. Classification of protected categories is as follows:

A "disabled veteran" is one of the following: a veteran of the U.S. military, ground, naval or air service who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Secretary of Veterans Affairs; or a person who was discharged or released from active duty because of a service-connected disability.

A "recently separated veteran" means any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval, or air service.

An "active duty wartime or campaign badge veteran" means a veteran who served on active duty in the U.S. military, ground, naval or air service during a war, or in a campaign or expedition for which a campaign badge has been authorized under the laws administered by the Department of Defense.

An "Armed forces service medal veteran" means a veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

Veteran Status

Please select

Voluntary Self-Identification of Disability

Form CC-305
Page 1 of 1

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Why are you being asked to complete this form?

We are a federal contractor or subcontractor. The law requires us to provide equal employment opportunity to qualified people with disabilities. We have a goal of having at least 7% of our workers as people with disabilities. The law says we must measure our progress towards this goal. To do this, we must ask applicants and employees if they have a disability or have ever had one. People can become disabled, so we need to ask this question at least every five years.

Completing this form is voluntary, and we hope that you will choose to do so. Your answer is confidential. No one who makes hiring decisions will see it. Your decision to complete the form and your answer will not harm you in any way. If you want to learn more about the law or this form, visit the U.S. Department of Labor's Office of Federal Contract Compliance Programs (OFCCP) website at www.dol.gov/ofccp.

How do you know if you have a disability?

A disability is a condition that substantially limits one or more of your "major life activities." If you have or have ever had such a condition, you are a person with a disability. **Disabilities include, but are not limited to:**

- Alcohol or other substance use disorder (not currently using drugs illegally)
- Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, HIV/AIDS
- Blind or low vision
- Cancer (past or present)
- Cardiovascular or heart disease
- Celiac disease
- Cerebral palsy
- Deaf or serious difficulty hearing
- Diabetes
- Disfigurement, for example, disfigurement caused by burns, wounds, accidents, or congenital disorders

- Epilepsy or other seizure disorder
- Gastrointestinal disorders, for example, Crohn's Disease, irritable bowel syndrome
- Intellectual or developmental disability
- Mental health conditions, for example, depression, bipolar disorder, anxiety disorder, schizophrenia, PTSD
- Missing limbs or partially missing limbs
- Mobility impairment, benefiting from the use of a wheelchair, scooter, walker, leg brace(s) and/or other supports
- Nervous system condition, for example, migraine headaches, Parkinson's disease, multiple sclerosis (MS)
- Neurodivergence, for example, attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder, dyslexia, dyspraxia, other learning disabilities
- Partial or complete paralysis (any cause)
- Pulmonary or respiratory conditions, for example, tuberculosis, asthma, emphysema
- Short stature (dwarfism)
- Traumatic brain injury

Disability Status

Please select

PUBLIC BURDEN STATEMENT: According to the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. This survey should take about 5 minutes to complete.

Submit Application

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