**Title:** Principal Data Scientist  
**Position ID:** 2023-0011  
**Type Position:** Full Time  
**Annual Salary:** $160,000 - $250,000  
**Level:** PL5  
**Primary Location:** SSC Office in Colorado Springs, CO  
**Travel Required:** 25% CONUS and HI  
**Alternate Location:** Virtual within the United States  
**Contact:** Ms. Jamie O’Quinn  
joquinn@stephensonstellar.org  

**Company Background:** The Stephenson Stellar Corporation (SSC) is a nonprofit research and development organization focused on assuring our nation remains a global leader in the space domain. Our mission is to be a trusted leader at the vanguard of America’s space security solutions. SSC is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability status, protected veteran status, or any other characteristic protected by law. More information at: www.stephensonstellar.org

**Job Description:** As a Principal Data Scientist, you will provide technical leadership for our artificial intelligence and machine learning (AI/ML) programs. You must be a thought leader who can inspire diverse and geographically dispersed teams to achieve their best. You will both supervise and participate in the development of AI/ML applications, technical documentation, and engineering artifacts. This includes coding and software development using various programming languages and software ecosystems. The ideal candidate will have outstanding verbal and written communication skills and be able to effectively interact with senior government, industry, and academic personnel. You will take an active role in developing and supporting SSC’s AI/ML strategy. You must be able to produce documents for publication and deliver presentations at symposiums and conferences.

**Requirements:**

**Education:**  
Required: MS in Mathematics, Data or Applied Science, Computer Science, Software Engineering, Electrical Engineering  
Desired: PhD in Mathematics, Data or Applied Science, Computer Science, Software Engineering, Electrical Engineering

**Clearance:**  
Required: Candidate must be a United States citizen with the ability to obtain a Secret clearance  
Desired: Top Secret

**Experience:**  
Required:  
- 12 years of experience in increasingly responsible technical roles  
- 5 years of experience performing programming and data analytics  
- 3 years of experience in AI/ML application development  
Desired:  
- 15 years of experience in increasingly responsible technical roles  
- 8 years of experience performing programming and data analytics  
- 5 years of experience in AI/ML application development

**Skills:**  
Required:  
- Hands-on programming experience, e.g., Python, Matlab, Java, and JavaScript  
- Proven experience with machine learning tools; e.g., TensorFlow, PyTorch, Spark, Jupyter Notebook, and Keras  
- Experience with agile methodologies and tools; e.g., Jira, and Confluence  
- Excellent communicator with the ability to lead a team delivering innovative software and engineering solutions  
Desired:  
- Performance supporting DoD, IC, and federal technical programs  
- Strong mathematics background that can be applied to the development of AI/ML algorithms  
- Understanding of RF and other waveform technologies  
- Experience with AWS, Azure, Docker, and VMWare