



Senior Data Scientist (Data Models and AI Integration)

Preferred Las Vegas, NV with possibility for Remote Work - Full-time

Global C2 Integration Technologies is looking for talented and enthusiastic Senior Data Scientist. As a Senior Data Scientist specializing in Data Models and AI Integration, you will play a crucial role in leveraging advanced analytics techniques and artificial intelligence algorithms to optimize data-driven decision-making within our organization. You will lead the design, development, and implementation of cutting-edge data models and integrate them seamlessly into our existing systems, enabling us to extract valuable insights and enhance our business processes. Join our team as a Senior Data Scientist (Data Models and AI Integration) and contribute to transforming our organization through data-driven decision-making and cutting-edge AI solutions.

Responsibilities:

1. **Data Model Development:** Develop and refine sophisticated data models that encompass statistical, machine learning, and AI algorithms to extract meaningful insights from complex datasets.
2. **AI Integration:** Collaborate with cross-functional teams, including software engineers, data engineers, and domain experts, to integrate AI capabilities and predictive analytics into our existing systems and applications.
3. **Model Evaluation:** Evaluate the performance and accuracy of data models through rigorous testing and validation, ensuring they meet the desired business objectives and quality standards.
4. **Features Engineering:** Identify, extract, and engineer relevant features from raw data sources to improve model performance and optimize predictive capabilities.
5. **Real-time data processing:** Apply developed data models and AI algorithms onto a chosen near-real-time analytic framework, aggregating both streaming and batch results for active and reinforced learning.
6. **Data Visualization:** Create visually appealing and intuitive data visualizations and dashboards to effectively communicate insights and findings to stakeholders across the organization.
7. **Collaboration and Leadership:** Provide technical guidance and mentorship to junior data scientists, fostering a collaborative and innovative environment within the team. Collaborate with stakeholders to understand their requirements and translate them into actionable data science projects.
8. **Research and Innovation:** Stay up-to-date with the latest advancements in data science, machine learning, and AI technologies. Proactively identify opportunities to leverage emerging techniques and tools to improve existing processes and drive innovation.
9. **Data Privacy and Ethics:** Ensure compliance with data privacy regulations and maintain high ethical standards throughout all data science activities, including data handling, storage, and model deployment.

Requirements:

- Advanced degree (Master's or Ph.D.) in Mathematics, Physics, Computer Science, related fields.



- Extensive experience (10+ years) working as a Data Scientist, with a focus on developing data models and integrating AI solutions.
- Strong proficiency in statistical analysis, machine learning, and AI algorithms, with expertise in various techniques such as regression, classification, clustering, deep learning, and natural language processing (NLP).
- Proficiency in programming languages commonly used in data science, such as Python and R, and experience with relevant libraries and frameworks (e.g., TensorFlow, PyTorch, scikit-learn).
- Experience with near-real-time data manipulation, features engineering, and data preprocessing techniques.
- Proven track record of successfully implementing and deploying data models and AI solutions in real-world applications.
- Strong analytical and problem-solving skills, with the ability to extract insights from complex data sets and communicate them effectively to both technical and non-technical stakeholders.
- Excellent collaboration and leadership abilities, with experience leading data science projects and mentoring junior team members.
- Familiarity with cloud platforms (e.g., AWS, Azure, GCP) and big data technologies (e.g., Hadoop, Spark) is desirable.
- Knowledge of data privacy regulations (e.g., GDPR, CCPA) and experience working with sensitive and confidential data.

Clearance Required: Current or ability to obtain a Top Secret security clearance

Company Culture: At Global C2 Integration Technologies, our employees are the heart and soul of our company. We rely on their unique blend of expertise, innovation, and commitment to excellence to meet the needs of our customers around the world. We have a deeply embedded culture of continuous improvement that fosters a shared commitment to continually challenge ourselves to exceed our personal development goals. We focus on strong teamwork, and we believe that diverse teams drive innovation, encourage personal growth and bringing ideas to the table. We do business and we treat each other with: **Honesty – Integrity – Respect – Trust – Responsibility – Citizenship**

Global C2 Integration Technologies is a Veteran Owned/Disabled Small Business that provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.