

Senior Data Scientist

Location:

Atlanta or Oklahoma City

Compensation:

- \$140 - \$160K based on experience and qualifications.
- Stock Options
- Health, Dental, & Vision Insurance
- Paid Parental Leave

Senslytics is a venture capital backed start-up that develops proprietary causation-based AI applications to reduce risks faced by energy companies. Senslytics works on problems that existing AI has been unable to solve, like pipeline failures due to corrosion, which can cause significant financial, environmental, and human safety issues. This has resulted in working with three companies on the Global Fortune 500.

Senslytics has been granted seven patents and was recently awarded a \$500k grant by OCAST (Oklahoma Center for the Advancement of Science and Technology) to continue its work developing AI models that merge domain expert knowledge with data to provide definitive answers even in situations with limited data. Our company values the ability to think creatively and openness to having ideas challenged. We strive to create a tight-knit team dedicated to delivering for our customers regardless of the challenge.

We are looking for a Senior Data Scientist that is curious, persistent, excited about developing new methods from scratch, and enjoys working on complex problems collaboratively. Ideal candidates enjoy working with external customers to solve a variety of technical challenges.

Qualifications:

Requirements:

Experience with:

- Ability to research, review, understand cutting edge AI technologies and concepts to build new AI algorithms
- Efficiently process flow from patents and EDA, data analysis, statistical techniques, visualization
- Ability to innovate and lead a team of AI experts guiding AI development for specific use cases
- open-source ML/DL/math toolkits such as NumPy, scikit learn, tensorflow etc.
- Experience handling time series or LiDAR data sets.
- GitHub, AWS, Big Data ingestion and processing
- Ph.D. in STEM, preferably Computer Science, Math, Statistics or Engineering and 5+ years' experience of experience in AI or M.S. in STEM, preferably Computer Science, Math, Statistics or Engineering and 10+ years of experience in ML (Machine Learning), AI
- Proficient in python
- Deep knowledge of AI and machine learning algorithms
- Strong interpersonal and communication skills

Bonus Qualifications:

- Excellent verbal and written communications skills including reporting & the ability to communicate complex mathematical findings with aid of proper visualization as needed.
- Understanding of causal AI and epistemology
- Ability to present technical papers in AI conferences and defend Senslytics' proprietary AI.

Job duties:

- Lead a team of AI programmers with the product vision including building the proprietary AI toolkit
- Use programming languages such as Python, Java or other tools daily to develop and test proprietary algorithms used for analysis, forecasting, and inferencing.
- Write technical specifications, collaborate on product feature design, conduct testing at various levels.
- Lead technical discussions with the clients, partners towards collaboration and product development, support and enhancement from AI standpoint.
- Convert Senslytics' proprietary AI concepts and algorithms into efficient codes for industry specific applications.
- Work in a geographically spread-out team environment and contribute in a consistent, collaborative and goal-oriented way.
- Support the customer's technical team to build specifications, features, extensions, and provide ongoing support.

Start Date: Immediately

Senslytics does sponsor H1B visas.