



Secure the Future of the Grid with Us

Senior Data Scientist - Atmospheric Science

Somerville MA or Louisville KY or Remote / full-time

We are a rapidly growing technology company, helping our utility partners around the world lead the energy transition by enabling enhanced grid flexibility, resilience and security. At LineVision, we provide electric utilities with our patented non-contact sensors to provide the real-time monitoring and predictive analytics needed to secure the future of the grid.

We are looking for a **Senior Data Scientist** to play a pivotal role in our organization to help our data science and R&D teams drive accuracy and data quality improvements in the weather-based inputs to our core dynamic line rating models.

What will you do?

You will have primary responsibility for leveling up LineVision's expertise in atmospheric science and help us translate your findings into operational python code.

- Independently investigate impacts of meteorological phenomena such as precipitation, dew, wind speed, and solar radiation on LineVision data streams by formulating and testing your own data-driven hypotheses.
- Find root cause for anomalies in forecasted weather and sensor time series data.
- Identify new sources of ground truth data to analyze the reliability and accuracy of weather forecasts from various local sensors, commercial vendors, and government weather forecast models.
- Document and communicate findings and assumptions related to weather data and weather forecasting with internal stakeholders and external customers.
- Work closely with the Data Engineering team to productionize your data science findings and deliver results to our electric utility customers.

What do you need to succeed in this role?

- Ideally a background in a physical science: atmospheric science, meteorology, numerical weather prediction, geophysics, climate science.
- Ability to drive your own research agenda as an independent researcher such as a recent PhD grad, a track record of research work at a National Laboratory, or successfully driving end-to-end investigatory data science projects at a startup or large company.
- Python experience preferred
- Standard data science tools: pandas, numpy, SQL, matplotlib, Jupyter notebooks
- Experience with time series and geospatial data

What does joining LineVision mean for you?

- **Impact.** Your talent, time, and energy will critically impact the company's success in providing utilities around the world with solutions to increase the flexibility, efficiency and safety of their grids for a cleaner and electrified future
- **Growth.** You will build a high-performing team to maintain LineVision's technical leadership in the \$12B global market for line monitoring and dynamic line ratings..
- **Distinction.** You will be a thought leader in the industry, developing platforms and solutions that help utilities transform their grids for a clean energy transition.
- **Ownership.** You hold broad responsibilities with high autonomy in a communicative, collaborative, and fast-paced environment
- **Compensation.** You are vested in a high-potential success story, with competitive compensation, benefits, and comprehensive PTO and leave policies, complemented by stock options in a high-growth company with world-class venture capital backing

Who we are...

- We are a team of dedicated individuals who are passionate about helping to solve the biggest challenges facing today's electric grid
- We believe unlocking transmission capacity is critical to the resilience of our future grid and the ability to integrate renewables at scale
- We value and benefit from the wide-ranging perspectives that come from a diverse and inclusive work environment
- *We are committed to providing:*
 - Situational awareness to help grid operators make informed decisions on the physical position of their conductors that can help to prevent damage and fires
 - Dynamic Line Ratings to increasing capacity by up to 40% on existing transmission lines with real-time monitoring while improving reliability & safety
 - Asset health monitoring to improve maintenance strategies by creating a digital twin to determine the true conductor health

LineVision Inc is an EEO/Affirmative Action Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability or any other legally protected status.

For more information, visit <http://www.linevisioninc.com>

TO APPLY, please send a resume and cover letter to apply@linevisioninc.com with Senior Data Scientist in the subject line.