Wind Products Inc.

Job Title: Atmospheric Scientist/Engineer
Reports To: VP Product Manager, Wind Analytics
FLSA Status: Exempt

Summary: Wind Products is an early stage renewable energy company based in Brooklyn, New York, specializing in the needs of small wind turbines (1kW-100kw). We are seeking an atmospheric scientist or similar to advance the underlying methodology of our wind analysis/turbine siting software product, Wind Analytics. The product provides an estimate of available wind energy over a typical year at customer’s location, based on modeling existing meteorological data to their location. This is a technical position requiring the creative application of wind/meteorology expertise. It deals specifically with research, analysis, and testing of underlying methods for wind energy resource assessment.

Duties and Responsibilities: (Other duties may be assigned)
- Test and refine our current methods for wind energy assessment
- Identify, test, and implement both established and emerging methods to improve systems
- Collaborate with leading edge wind experts to synthesize solutions to specific needs
- Document findings for inclusion in our tool by software development team
- Identify ideal sources of global meteorological data for utilization in our tool’s database
- Establish systems for met data acquisition and processing
- Collaborate with product team on creating an organized system for continuous improvement, to reduce product costs while increasing predictive accuracy
- Establish and justify a scientific vision for the development and expansion of the Wind Analytics methodology in the context of our business requirements

Skills and Qualifications:
- Degree in atmospheric science/meteorology, wind engineering, related technical field, or other educational background relevant to position. Focus should be on surface rather than upper air impacts. Advanced degrees preferred, ideally in area related to wind energy, such as micro- or mesoscale modeling.
- 3-5+ years experience working in wind related field, including as a wind analyst, a meteorologist, or performing flow modeling. Increased education can account for some work experience.
  o Private sector industry experience preferred but not required. Wind energy industry experience particularly valuable.
- Strong experience working with multi-year atmospheric data in models/methods incorporating surface effects.
- Experience in surface observations of wind conditions:
  o Firsthand experience with weather stations/systems
  o Statistical analysis of weather data
  o Should be familiar with particle flow
- Background in the principles/practices of Wind Engineering beneficial but not required
- Ability to work in a fast paced, entrepreneurial environment with a sense of humor and a creative approach to problems

Compensation:
- Competitive salary and benefits, commensurate with experience

Please send your resume, cover letter with salary requirements to jobs@windanalytics.com. No phone calls please.