

## Position Description: Meteorological Analyst

### Position Summary

The GWC Meteorological Analyst reports to the CTO and works closely with fellow GWC meteorologists, scientists, IT personnel, and the GWC sales team. The Analyst fulfills a customer-facing technical role by configuring and deploying forecasts for new and existing customers, monitoring forecast performance, and responding to forecast delivery/quality issues should they arise. The successful candidate is comfortable interfacing directly with customers while simultaneously working closely with GWC's technical team. The candidate will be well-versed in meteorology, meteorological data and applications, high-level programming languages, and the Linux environment. This is an entry-level position, but qualified candidates will demonstrate a strong desire to learn new skills and, as needed, develop new scripting tools to fulfill customer requests and improve forecast service delivery and scalability.

### Key Responsibilities

- Develop in-depth knowledge of GWC's multiple forecast platforms, including how to configure new customers, forecast sites, and resolve forecast quality issues.
- Work closely with new and existing customers to add forecast sites, respond to requests, and educate prospective customers on GWC forecast products.
- Provide operational customer support to avoid critical issues and service downtime.
- Regularly update and monitor GWC's customized/customer-specific forecast offerings such as regional (ISO-wide) renewable energy forecasts.
- Develop scripts to improve forecast products, verification techniques, and to advance R+D goals.

### Requirements

- BS or MS degree in meteorology, atmospheric or computer science, or related field.
- Experience with common meteorological principles, applications, statistical analysis, and data formats such as netCDF and GRIB.
- Strong knowledge of the Python programming language.
- Knowledge and experience working in the Linux environment.
- Excellent communication skills and ability to interact directly with customers and translate customer feedback into concrete steps for product improvement.
- Ability to work independently and as part of a team, to contribute to technical discussions while also showing initiative to offer new ideas for product development.

### Additional desired skills

- Experience in additional programming languages, especially: C++, HTML, JavaScript, SQL.
- Experience in numerical weather prediction and/or NWP post-processing techniques.
- Familiarity with shell scripting techniques.
- Experience in wind and solar power generation forecasting.

**Apply:** Please submit a resume and cover letter to [jobs@globalweathercorp.com](mailto:jobs@globalweathercorp.com), addressed to William Gail, Chief Technology Officer.