WeatherBELL Analytics, LLC
Position Announcement

Engineering Team – Meteorological Developer
April 13, 2021

Position Background

WeatherBELL Analytics, LLC is seeking talented information technology professionals to join our expanding engineering and development teams. This diverse group develops and maintains a suite of environmental analysis and prediction systems, visualization tools and data aggregation engines using open source software running on the Google Compute Platform (GCP).

Your Role at WeatherBELL

This role includes authoring and maintenance of customized and proprietary software and data solutions used by clients, and participation of feature addition and enhancement through Agile development processes. The ideal candidate can handle timely delivery of multiple, well defined projects over the course of development sprints. The role requires participation in shared support of operational systems and software, including off-hours support when necessary. Candidates are professional, effective written and oral communicators and can take initiative without explicit direction, while maintaining close team coordination.

Technologies Involved

WeatherBELL utilizes Linux based servers running in GCP, and proficiency within these systems is ideal. Candidates will perform orchestrated development over the entire software stack, utilizing Python (Matplotlib, Pandas, NumPy, MetPy), Docker, and JavaScript. Candidates will engineer software with various GCP client libraries to interact among data services (Cloud SQL), compute resources (Cloud Engine) and messaging queues (Cloud PubSub).

Candidate Skill Matrix

Skill Set	Importance
Experience authoring and supporting meteorological data solutions using Python libraries.	Required
Demonstrated ability to understand and author efficient, object-oriented code for web services, data processing and client visualization tools using Python.	Required
Basic understanding and administration experience with Cloud Computing infrastructure either within the Amazon Web Services (AWS) or Google Cloud Platform (GCP).	Essential
Understands how to manage GCP systems configuration and management API's via programmatic interfaces. Can deploy software solutions from container services such as Docker.	Essential
Experience working with GIS and environmental datasets in formats such as NetCDF, GRIB/GRIB2 and GeoJSON.	Essential
Experience running Weather Research & Forecasting (WRF) modeling	Ideal
Possesses excellent and obvious verbal and non-written English language skills for effectively assimilating and conveying technical concepts; can present complex technology issues with confidence at subject matter expert level understanding.	Ideal

Career Growth and Compensation

WeatherBELL offers competitive benefits and salary options, with individual career objectives incorporated into your role. Relocation is not required, and candidates can contribute remotely. Monthly compensated travel may be necessary for team meetings, coordination and ongoing evaluation.

Contact Information

Apply by submitting references and resume to: jobs@weatherbell.com
Visit our website for information on our products: www.weatherbell.com
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