Meteorological Project Manager/Programmer Position   Radiometrics, Boulder CO

What are we about?

Radiometrics Corporation (RDX) has considerable experience delivering meteorological technologies to international weather service and airport agencies. One mission of Radiometrics is to provide severe/hazardous weather detection and prediction tools, meteorological displays, and numerical modeling solutions to enhance the abilities of operational forecasters to meet their core missions of saving lives and minimizing property damage and economic losses. Our goal is to be globally recognized for the innovative systems we bring to the weather industry and end user clients.

Job Description

Radiometrics is looking for a Meteorological Project Manager with significant programming experience to join us in supporting several projects that include systems integration (weather radars, surface stations, etc.), meteorological algorithm development, and implementation at domestic and international client locations.

Responsibilities
- Lead projects as necessary for various RDX domestic and international applications.
- Develop, test, and maintain operational software related to RDX new and previously delivered domestic and international meteorological decision support systems.
- Interface with clients to ensure systems are performing as expected, provide hands-on support, and ensure any issues are addressed with excellence.
- Collaborate with others to understand development goals and requirements through Agile/Scrum methodology and regular standups.
- Collaborate with other team members to assure high quality system designs and implementation.
- Responsible for all aspects of system development - design, coding, testing, debugging, documentation, and field deployment.
- Train end users on deployed systems.
- Assist customers in improving fielded systems.
- Attend trade shows as needed and represent RDX products and projects.
- Assist with proposal development in response to business opportunities.

Requirements
- Excellent verbal and written communication skills, strong people skills, and high attention to detail.
- Minimum 3 years applicational programming experience using Python and scripting languages in Linux OS environments.
- Knowledge of radar meteorology including dual-polarization techniques.
- Knowledge of weather radar networking and integration with other sensors such as surface stations and QPE rain gauge correction procedures.
- Experience adhering to Python coding standards.
- Experience with GitHub, GitLab, and/or SVN.
- Experience with MySQL and/or PostgreSQL.

- Experience encoding/decoding of common meteorological datasets such as JSON, NetCDF, GRIB, HDF5, BUFR, etc.
- Experience with Unidata's LDM package.
- Ability to collaborate face-to-face with customers.
- Willingness to travel internationally for 2 to 3 weeks at a time 3 to 4 times a year, in addition to shorter trips such as customer visits or trade shows.
- Proficient in MS Word, PPT, and Excel.

Education
- B.S. degree or higher in Meteorology.

Ways to Stand Out
- Previous business development/proposal writing experience.
- Previously delivered, supported, documented, and provided training on real-time meteorological systems.
- Previous operational forecasting experience.
- Experience with WDSS II, TITAN, and/or AWIPS II.
- Experience in C, C++ programing in addition to Python.
- Experience in HTML5/CSS/JavaScript programming.

Radiometrics Corporation offers a comprehensive benefits package which includes Medical, Dental, Vision, Life AD&D, Long Term Disability, HSA, and 401(k) with company matching and contributions, paid holidays, paid sick leave, and flexible time off.

Base pay is based on market location and may vary based on experience, skills, education, and other job-related reasons.

Radiometrics is an equal opportunity employer, and our success draws upon the diverse viewpoints, skills, and experiences of our employees. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, marital status, disability, gender identity or veteran status.

Pay: $80,000 - $100,000 per year

To apply please send cover letter and resume to dani.holland@radiometrics.com