

Weather Data Engineer

WeatherFlow is looking for an experienced weather data engineer to join our weather modeling team in Fort Collins, Colorado. The successful applicant will bring a variety of skills to our modeling team, having core skills in software engineering with strengths in meteorology, or vice versa. The primary role will be to engineer weather data solutions in support of our weather modeling systems.

About WeatherFlow

WeatherFlow is a team of scientists, meteorologists, engineers and programmers. We maintain one of the largest high-quality private weather networks in the world and specialize in short-term, high-resolution weather forecast modeling and machine learning. We combine our data with curated third-party weather data to help government agencies, businesses, and consumers make key decisions. We make a family of Smart Weather Stations that are easy to install, understand and use, and automatically integrate with smart home platforms and commercial systems. Our overall goal is to provide actionable weather information to help our worldwide customers make better decisions around safety, save time and money, and increase business profitability.

Base Requirements

- BS in Computer Science or related discipline, with 2 years of experience in the weather industry
- Strong skills in data i/o and processing
- Physical and practical understanding of observed and modeled weather data
- Expertise operating in the Linux environment, including programming in Python and bash
- Experience with MySQL, PostgreSQL or SQLite databases
- Ability to work with the team and individually
- Capable, resourceful learner
- Ingenuity with problem solving
- Strong communication skills

Bonus Skills

- Familiarity with Amazon or other cloud HPC services
- Other scripting and programming languages
- Experience with revision control systems
- Experience with web data services
- Familiarity with statistics and graphics packages
- Experience with observational data quality control
- Experience with machine learning packages
- Web and/or API programming skills

Salary and Benefits

Salary will be competitive and commensurate with experience and qualifications. WeatherFlow offers a full benefits package, including the opportunity to live in Fort Collins!

Applying

This is a full-time position at our Fort Collins, Colorado, offices. To apply, please email your resume and cover letter to Marty Bell, Director Research and Modeling at mbell@weatherflow.com.