

Numerical Weather Modeling Engineer/Scientist

WeatherFlow is looking for experienced numerical weather modelers to join our team in Fort Collins, Colorado. Qualified persons will bring a variety of skills to the table as we grow our in-house WRF data assimilation and forecasting capability. Successful applicants will have strengths in NWP engineering, application and/or science. The primary role will be to support the configuration, operation, verification and delivery of our WRF modeling system and derived products, and assisting with the development and application of new modeling technologies.

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

- MS in Atmospheric Sciences or related discipline
- Experience with running WRF and related codes
- Experience with configuring and optimizing WRF domains
- Strong regional and local meteorological skills
- Strong statistical analysis skills
- Expertise operating in the Linux environment, including programming in Python and bash
- Ability to work with the team and individually
- Capable, resourceful learner
- Ingenuity with problem solving
- Strong communication skills

Bonus Skills

- Familiarity with observations and observational quality control
- Familiarity with Amazon or other cloud HPC services
- Other scripting and programming languages
- Experience with MySQL, PostgreSQL or SQLite databases
- Experience with machine learning
- Familiarity with statistical and graphics packages

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.