# Model Analyst/Data Scientist

Posted 12/29/19

Climate Forecast Applications Network (CFAN) is seeking a highly motivated individual to join our forecast product development team, with a focus on our tropical cyclone forecast products. The person in the position will work in a dynamic and collaborative environment that provides science- and technology-based forecast solutions related to our clients' risks from tropical cyclones.

CFAN develops innovative weather and climate forecast tools to help our clients manage weather and climate risks. CFAN's world-class research team provides the foundation for translating the latest research into innovative forecast products that help our clients tackle their most challenging weather and climate risks. CFAN was founded in 2006 by Judith Curry and Peter Webster and launched under Georgia Tech's Enterprise Innovation Institute VentureLab program.

**Responsibilities and duties**

This position involves supporting and advancing CFAN's innovative tropical cyclone forecast products. Responsibilities and duties include:

- Work with interdisciplinary team in a collaborative research and forecast product development environment
- Participate in the full development life cycle for tropical forecast products, including research and development of source code, design of software components, incorporation into the operational forecast system, forecast validation and uncertainty quantification.
- Operational support of the tropical cyclone forecasts products and client support.

**Required qualifications and skills**

- M.S. or Ph.D. in Atmospheric Science or related science/engineering field
- Strong foundation in statistics, data analysis and computational methods
- Ability to meet deadlines and solve problems effectively and collaboratively
- U.S. citizen or green card

**Desired qualifications**

- Experience with Linux environment
- Extensive experience (2+ years) with scripting (Matlab, Python, NCL)
- Experience in working with large or complex data sets
- Familiarity and interest in state-of-the-art modelling methods including AI and ML
- Prior professional or research experience, beyond graduate thesis
- Knowledge of tropical meteorology and tropical cyclones
- Impeccable level of accuracy, efficiency, and attention to detail

**Salary and Benefits**

- Salary is competitive and commensurate with experience and qualifications.
- Annual bonuses based on profits
- 401K, health insurance allowance, paid sick leave, paid holidays and vacation

**Apply**

This is a full-time position at CFAN's Marietta, GA office (near Atlanta). Please email your resume and cover letter to Judith Curry, President, at curry.judith@cfanclimate.com

For further information about CFAN:  http://www.cfanclimate.com.  Information about CFAN's tropical cyclone forecast products:  https://www.cfanclimate.net/products-tropical-cyclones

**Equal Opportunity statement**

CFAN is a Women Owned Small Business (WOSB) that is an affirmative action and equal opportunity employer. CFAN complies with all fair employment practices regarding citizenship and immigration status.