As the leader in statistical software, SAS seeks talented statisticians to share the excitement of creating cutting-edge tools for machine generated high frequency data analysis addressing the needs of industrial IoT. SAS is seeking individuals with expertise and experience in high frequency machine generated data (sensors) modeling, streaming data analytics, and functional data analysis. SAS provides a collaborative, professional work environment in which you can grow your knowledge and skills while contributing to the expansion of our software.

In this position, you will implement specialized methods in new and existing SAS procedures for multi-threaded and distributed algorithms. You will stay at the forefront of machine learning techniques and data mining methodology, identify appropriate algorithms and methods for implementation in SAS, and program these methods in C using agile development methods.

Duties include researching of statistical methodology and computational algorithms; designing of software tools for machine learning and data mining; programming and testing of modules; guiding junior developers in performance of supporting programming tasks; authoring user documentation and papers to communicate the best use of the software; presenting to professional audiences about the product and analytical methods; communicating with other SAS professional staff in Testing, Technical Support, Education, Marketing, and other departments; and performing other tasks as assigned.

**Essential Requirements:**

- Graduate degree in statistics, mathematics, operations research, computer science or related quantitative fields.
- Five or more years of experience developing and implementing analytical algorithms in modeling in industrial settings
- Expert in software development/programming
- Experience writing large, complex programs in C or similar programming language

**Additional Requirements:**

- Experience mentoring junior developers
- Excellent written and verbal communication skills
- Ability to work both independently and as part of a team

**Preferences:**

- Algorithm development experience in high frequency machine data analysis or functional data analysis areas.
- Experience developing code in an agile environment
- Experience with one or more of the following: SAS, Python or Lua

**Additional Information:**
To qualify, applicants must be legally authorized to work in the United States, and should not require, now or in the future, sponsorship for employment visa status.

SAS is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status or any other characteristic protected by law.

The level of this position will be determined based on the applicant’s education, skills and experience.

Resumes may be considered in the order they are received.

SAS employees performing certain job functions may require access to technology or software subject to export or import regulations. To comply with these regulations, SAS may obtain nationality or citizenship information from applicants for employment. SAS collects this information solely for trade law compliance purposes and does not use it to discriminate unfairly in the hiring process.

https://www.statsjobs.com/jobs/research-statistician-applied-analytical-solutions-sas/