

## Position: Director – Financial Data Systems

Four Twenty Seven is currently seeking a mid-level professional with significant experience in the development and management of financial data processing, storage and retrieval. Our ideal candidate will have substantial engineering experience and comfort working with financial data sources. Experience should include programming skills needed to design and build data processing pipelines, together with experience managing and developing direct staff. The successful candidate will report to the Chief Operating Officer (COO) and collaborate with a dynamic team of technology, content and research professionals on a number of projects.

### Responsibilities

The candidate's primary responsibilities will focus on ongoing development of Four Twenty Seven's financial data processing technologies and pipelines. Initial focus for the role will be on processing of data sources pertaining to companies that issue securities listed on public exchanges, including parsing of company financial statement disclosures, tracking and mapping security and entity identifiers, and updates to index compositions. The individual will be a key addition to Four Twenty Seven's Financial Data Systems team, led by the COO, and is expected to collaborate with the COO and other members of the firm to design and implement procedures and pipelines to further automate the processing of data licensed from third-party providers. The candidate must be quality-focused, with experience designing and building quality assurance measures into applications through unit testing and other quality measures. The ability to research and provide expert guidance on issues and sign-off on data updates before they are integrated into our suite of data products is also a key requirement for the role. As part of the Financial Data Systems team, the individual will have the opportunity to contribute to other areas of Four Twenty Seven's technical data infrastructure, including the firm's proprietary database of asset-level data, industry classification code mapping and translation, and other data updates to company-level information. The role will be supported as necessary by in-house technology resources including software engineers and data design architects.

### Key Tasks

- Design and build prototype ETL pipelines to automate processing of listed security portfolio and index compositions, security identifier mapping, company fundamentals, corporate entity structures and other company-level data licensed from third party sources.
- Collaborate with Financial Data Systems, Technology and Research teams on research and development priorities related to financial, business and economic data.
- Contribute to other data and analytics tasks to support Four Twenty Seven's suite of data products.

### Required Qualifications

- Five or more years of experience working with financial data sources, including security and company identifiers, corporate financial disclosures and other company level sources.
- Experience with object-oriented programming languages (Python and Java preferred) and database technologies of various types, including SQL and NoSQL databases.
- Experience with financial data platforms, e.g. FactSet, Bloomberg, CapitalIQ, Reuters, etc.

- Ability to perform self-directed research and make decisions when faced with edge cases identified by ETL processes, as well as those posed by client-facing product managers.
- Management experience, including project management and training and coaching of junior staff.

### Preferred Qualifications

- Master's degree in information systems, business analytics, or other equivalent degree, or MBA with an undergraduate degree in a STEM field.
- Advanced Python / Pandas user with team collaboration experience.
- High level of proficiency with database management systems.

### About Four Twenty Seven, Inc.

Four Twenty Seven ([www.427mt.com](http://www.427mt.com)) is an award-winning data publisher and research firm focused on climate risk analytics and resilience strategies, bringing climate intelligence to economic and financial decision-makers. Four Twenty Seven helps [financial institutions](#), [Fortune 500 companies](#) and [government institutions](#) understand how climate change will impact them so they can build awareness, mitigate risk and identify new resilience opportunities. Customers rely on Four Twenty Seven's tools and models to factor the physical impacts of climate change into financial and operational planning processes.

Four Twenty Seven's capabilities include financial portfolio climate risk assessments, development of climate resilience strategies, quantification of metrics and indices for benchmarking, monitoring and evaluation, and training and stakeholder engagement. Our team is comprised of highly qualified, mission-driven professionals with backgrounds in climate science, economics and finance, natural resources management, policy analysis, public health and international development.

Four Twenty Seven is an equal opportunity employer with a global culture that embraces diversity. All qualified applicants will receive consideration for employment and will not be unfairly discriminated against on any arbitrary grounds including race, color, sex, religion, national origin, veteran status, disability, gender identity, sexual orientation or other protected category.

### To apply for this position

This full-time, salaried position at our office in Berkeley, CA is open immediately. We offer a competitive compensation package, attractive benefits, and a flexible work environment among a team of highly motivated individuals with strong team spirit.

Send your resume, cover letter and a writing sample to [careers@427mt.com](mailto:careers@427mt.com) with the subject line "Director - Financial Data Systems 2019". Application deadline: October 6, 2019.

Please note that we are unable to sponsor H1-B visas at this time, and candidates must have a valid work visa or be a U.S. citizen / permanent resident to be considered for employment.