

Position: Engineer (Contract, Part-Time)

Four Twenty Seven, an award-winning climate risk analytics and market intelligence firm, is looking for a talented python engineer to support our modeling team. The successful candidate will work closely and report to our Climate Data Analyst and collaborate with a dynamic team of in-house interdisciplinary climate science, economics, and policy analysts.

Position:

- Hourly, part-time
- 10-15 hours per week
- Flexible hours
- Availability during business hours Pacific Time (9am - 5pm) strongly preferred

Required Qualifications:

- Highly proficient in python
- Experience working with physical science and geospatial data including netCDFs, HDF, and remote sensing / satellite data
- Ability to iterate upon existing python code and assist in package development
- Familiarity with data analysis and processing using packages such as pandas, scipy, xarray, and dask
- Experience building and working with distributed computing frameworks (e.g. StarCluster, dask distributed) in the cloud
- Ability to manage and automate various AWS services including: RDS, EC2, Elastic Beanstalk, EC2 Container Service
- Proficient with SQL and basic database development and management
- Reliable, detail-oriented and able to work under deadlines

Preferred Qualifications:

- Ability to work with and assist in the development of open-source python packages related to physical science data analysis and distributed computing
- Proficiency programming in C
- Familiarity with big data ecosystems (e.g. Spark, Hadoop, Elastic Map Reduce)
- Experience performing data analysis in R

About Four Twenty Seven, Inc.

Four Twenty Seven (www.427mt.com) is an award-winning, climate risk analytics and market intelligence firm that brings climate intelligence to business decision-makers. Four Twenty Seven helps business leaders and investors understand how climate change will impact their assets, price climate change risk in economic decisions, and invest in resilience. Our team is comprised of highly qualified professionals with backgrounds in climate science, economics, finance, natural resources management, policy analysis, public health, and international development.

Four Twenty Seven was a finalist for the prestigious Cartier Women's Initiative Award (2014), earned Climate Change Business Journal Awards for Climate Risk Management and Adaptation (2014 and 2015), took first prize in the ESRI Human Health and Climate Change Challenge 2015, and, won the Verdantix Environment, Health and Safety Information Management Award (2016). The company was founded in 2012 and is headquartered in Berkeley, California.

To apply for this position

The part-time, hourly position at our office in Berkeley, CA is open immediately. Highly qualified candidates will be considered for remote work. Hourly rate will be based on experience and skills.

To apply, send your resume, availability and desired hourly rate to careers@427mt.com with the subject line "Python Engineer application."

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 ground including race, colour, sex, religion, national origin, veteran status, disability, gender identity, sexual orientation, or other protected category.

Note that we are unfortunately unable to sponsor for work visa at this time.