

Job Posting – Data Scientist INTERN (Lakewood, CO)

At NewGen Strategies and Solutions, our vision is to be the consulting company that makes a difference for our clients, our employees, and our community. Our values include making an impact, fostering innovation, expect quality, cultivating community and serving as a trusted advisor to our clients and community. We are searching for a Data Scientist Intern to join our team in our Lakewood, CO office who is excited by the opportunity to develop new machine learning based analytical tools for the rapidly evolving energy industry. Other qualities desired in the ideal Data Scientist Intern include:

- Intellectually curious
- Attention to detail
- Focus on customer experience
- Stays calm in high-stress situations
- Collaborative team player
- Willingness to learn new skills
- Can synthesize large amounts of data
- Able to effectively use programming tools to problem solve (python, cloud services, etc.)
- Critical and analytical thinker
- Can work on multiple assignments at once

If our Data Scientist internship sounds like the opportunity for you, please send your resume and cover letter. We look forward to hearing from you!

Job Description

The purpose of a Data Scientist Intern is to learn how to manipulate, analyze, and build upon data in support of client engagements. In addition to data cleansing and aggregation, the Data Scientist Intern will focus on learning how to create sophisticated forecast models for a variety of use-cases including utility-scale financial, technical, and operational data. Model outputs will be user-friendly and explainable, leveraging sophisticated reports, charts, and graphs. The successful candidate will work directly with senior consultants to diagnose issues and collaboratively design programmatic solutions.

The successful candidate will learn about the design, implementation, and execution of analytical solutions utilizing a variety of software systems and coding languages, including Python, cloud services (Google, AWS, and/or Azure), and Microsoft Excel. Primary job duties and responsibilities will include:

- Utilize applicable coding language, to design replicable and unique solutions.
- Build forecast models using a variety of algorithms including but not limited to linear regression, random forest regression, recurrent neural networks.
- Work independently and with various internal and external project teams.
- Conduct research on data analytic techniques and successfully integrate results.
- Learn analytical methods and methodology to benefit external clients.

- Interpret results of data analytics and present findings clearly and efficiently.
- Clearly communicate techniques and results with clients and project team members.
- Support all other project work, as directed.

Our Intern program serves to give undergraduate and graduate students first-hand experience with consulting at NewGen.

Qualifications

The successful candidate will have the following qualifications:

- Pursuing a Masters or PHD in a quantitative field (e.g., Engineering, Physics, Economics).
- Problem solving and data analytical capabilities.
- Ability to work collaboratively within a team and communicate effectively with colleagues and clients.
- Must be proficient in English language and ability to communicate effectively using verbal, written, and visual graphic skills.
- Background with financial and/or utility systems and experience with SQL, R, STATA, and/or SAS a plus.
- Experience with other coding languages/platforms for advanced analytics are also desirable (Linux, Bash, PowerShell, Java).
- Experience with API's and webscraping is considered a plus.
- Knowledge of Power Query, PowerPivot, PowerBI, and working in Excel's Data Model coding in DAX language and writing VBA is considered a plus.

Additional Information

Location: Lakewood, CO

Employee Type: Part-time

We offer competitive hourly wage based on prior experience. This is a temporary part-time position and is not eligible for benefits. Start and end dates are flexible.

Base Compensation: \$25 per hour

The range provided is NewGen's reasonable estimate of the base compensation for this role. The actual amount may be higher or lower, based on non-discriminatory factors such as location, experience, knowledge, skills, and abilities.