

## **QA Engineer - Big Data Analytics**

### **Job Description**

Sciencescape is looking to add to its team of rock-star Data Scientists and Engineers who mine terabytes of data and build machine learning algorithms. Our team makes Sciencescape the best platform to deliver scientific content and intelligence to scientists, government agencies, and biotechnology and pharma companies. We are looking for a QA engineer with the skills to test those machine learning algorithms and the infrastructure they are built on.

As part of the Data Science team the successful candidate will be working closely with researchers with expertise in machine learning, bioinformatics, optimization, text mining, information retrieval, and data integration. They will play a crucial role in testing and production-izing sophisticated algorithms that build ScienceScape's knowledge network. This person will be responsible for the full development and QA lifecycle of the solution, including detailed test-case design, unit and integration tests, and code reviews.

Our ideal candidate clearly demonstrates the ability to work independently, as part of a team, and makes use of an iterative development approach. This role is driven by data processing within an ever-changing landscape and therefore our ideal candidate must thrive in a rapidly changing environment and take initiative to ensure that projects succeed.

Who you are:

- You are a data detective: you can find outliers and garbage in a mountain of data and can build tools to do this in an automated way.
- You are hacker: you can code in SQL, Python, and/or Java and maybe even R. You can move terabytes of data around, write complex queries, and auto-generate sophisticated test cases
- You like data systems: you've worked with database technologies, such as MySQL and are looking forward to working with cutting edge big-data technologies like noSQL stores, Hive, Pig, Hadoop etc.
- You are a researcher: you have experience in scientific publishing - particularly in life sciences and you know what scientist want to see in our products

Why you want to work with us:

- We provide the opportunity to make a lasting impact. Sciencescape is on a mission and wants you to help us change the way science is being done and distributed.
- Sciencescape has assembled a brilliant team of the best engineers, scientists, operations engineers, and support staff. You will be working with, and learning from, the best in the industry.
- We offer a competitive compensation package including stock options

## **About Sciencescape**

Sciencescape is the real-time online map of Life Science research. It was created to connect professional scientists, researchers, and students with key publications. Like a personalized journal you can subscribe to fields, topics, labs, journals, places, and authors to have breaking research and community activity pushed directly to your news feed - no need for repetitive searching. Quickly scan new publications, read abstracts, and download the full article text for further study. You can also explore complete research landscapes using new Field Charts - akin to stock market indices - to discover key historic papers at a glance, and uncover connections both between and across fields of knowledge. You can then interact with the literature by curating and saving private libraries, sharing papers with colleagues, and publicly posting questions and analysis on published research.