

Job Title: Genomic Curator Quality Scientist
Department: Product
Reports to: VP Product & Engineering
Position Type: Full Time Non-Exempt

PRIORITY RESPONSIBILITY

Expand and maintain Golden Helix's lead as curators of the largest repository of clinical and research genomic data. Master the capabilities of Golden Helix genomic analysis software to ensure the quality of new and changing features in conjunction with the development efforts of the product team.

ESSENTIAL DUTIES

Genomic Data Curator

- Understand and make editorial decisions on genomic data source to prepare them for use in clinical genetic testing and research contexts
- Wrangle raw genomic data files into forms ready for usage in Golden Helix software
- Write one-off scripts to manipulate and harmonize genomic data for product integration
- Write code or run existing tools to simulated genomic datasets that exercise the software feature under test
- Write blog posts on new capabilities, FAQs and data curation achievements

Product Quality

- Help develop and run a quality process that covers Golden Helix's products and bundled data
- Master the new and changing capabilities of Golden Helix's software to ensure their quality
- Discover edge cases, off-by-one issues, resource limitations, and rare conditions in which the product does not perform nominally.
- Prepare technical documentation for genomic scientists and clinical geneticists to perform their duties using Golden Helix software
- Work closely with the product team in the entire lifecycle of bugs and issues.
- Investigate customer problems referred by Field Application Scientists.
- Other duties as directed.

QUALIFICATIONS

- *Must have ability to work for any US employer without restrictions*
- PhD or equivalent experience in Molecular Biology, Cancer Biology, Oncological Science, Molecular Genetics or related field. A M.S. in Bioinformatics with hands on research experience and NGS domain expertise also encouraged to apply.
- Exquisite attention to detail, with a knack for identifying discrepancies or mistakes
- Experience in Python and command line bash shell scripting or equivalent
- Track record of written and oral communication experience, such as publications, grant applications and conference presentations

- Well organized, task-oriented and willingness to take ownership of the quality of a complex product, including performing manual and hands-on tests.

MEASUREMENTS

The Genomic Curator Quality Scientist will be measured on:

- Correct transformation and representation of curated data sources
- Quality of products in versioned releases
- Timely completion of tasks in regards to the software release schedule.

Contact Information

If you are interested in this challenging and rewarding position with a fun and exciting company, please send your resume and cover letter to personnel@goldenhelix.com. We look forward to hearing from you!