# vizgen

**Company:** Vizgen
**Title:** Bioinformatician
**Location:** Cambridge, MA

**About Vizgen:**

Vizgen is a rapidly growing company developing the next generation of spatially resolved genomic profiling tools that enable researchers to gain new insight into the biological systems that underlie human health and disease. The company's groundbreaking MERFISH spatial transcriptomics technology images RNA molecules with high accuracy and unrivaled detection efficiency at subcellular resolution. MERFISH provides transformative insight into a wide range of tissue-scale basic research and translational medicine in oncology, immunology, neuroscience, infectious disease, developmental biology, and regenerative medicine. For more information, go to www.vizgen.com

**Summary:**

Reporting to the Director of Technology and Partnerships and working closely with Vizgen's wet lab team, the Bioinformatician will be responsible for building pipelines for bioinformatics analysis, helping the wet lab evaluate the quality and consistency of MERFISH data, and design intuitive performance metrics for a MERFISH measurement. We are seeking a bioinformatician with strong experience in quantitatively evaluating genomic data and image processing.

**Key Responsibilities:**

- Work closely with the wet lab team to evaluate data quality and identify ways the data can be improved computationally or experimentally.
- Establish pipelines to ingest publicly available datasets to help evaluate the quality of internal datasets.
- Establish and implement intuitive quality metrics that quickly allow non-technical users to understand the quality of Vizgen's data
- Quickly build, prototype and test code with an appropriately high level of engineering and good coding practices

**Requirements and Qualifications:**

- 4+ years of bioinformatics experience in the life sciences research industry
- Advanced degrees in relevant scientific disciplines strongly preferred
- Extensive background analyzing data from sequencing (single cell and bulk) and imaging (FISH and IHC) experiments.
- Extensive experience in Python and experience working in cloud computing environments
- Experience working at the bench is a plus
- Excellent communication and presentation skills
- Enjoys working in entrepreneurial but collaborative team-oriented environment
- Highly proficient in the use of business platform tools including PowerPoint, Excel, Word, project management tools, documentation control, and other relevant software applications

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**WE ARE AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER**

Vizgen affords equal employment opportunity to all qualified persons regardless of race, color, religious creed, national origin, age, military status, sexual orientation, disability, genetic information, gender identity, gender expression or gender unless based upon a bona fide occupational qualification.

**To apply for this position please send a copy of your resume with job title in the subject line to:**

**jobs@vizgen.com**