

[Your Full Name]

[Address]

[Phone Number]

[Email Address]

[LinkedIn/GitHub/Portfolio Link]

[Date]

[Hiring Manager Name/Title]

[Department Name]

[Institution/Company Name]

[Address]

Dear [Dr./Mr./Ms. Last Name],

I am writing to express my strong interest in the [Position Title] position at [Institution/Company Name], as advertised on [Platform]. With a background in [Your Degree, e.g., Bioinformatics, Genetics, or Computer Science] and extensive experience in high-throughput sequencing analysis and statistical modeling, I am eager to contribute to your research on [Target Research Area/Project Name].

During my [Previous Experience/Degree], I developed a robust skill set in genomic data science. My core competencies include:

- **Bioinformatics Pipelines:** Expert use of [Tools/Languages, e.g., Python, R, Snakemake] to process [Type of Data, e.g., Single-cell RNA-seq, WGS, or Epigenomic data].
- **Statistical Analysis:** Applying machine learning and Bayesian frameworks to identify [Target, e.g., variants associated with complex traits or gene regulatory networks].
- **Data Interpretation:** Translating large-scale multi-omic datasets into actionable biological insights and peer-reviewed findings.

I am particularly drawn to [Institution/Company Name]'s recent work regarding [Specific Project or Paper]. My experience with [Specific Technology or Methodology] aligns directly with your current initiative to [Goal of the team]. I am confident that my ability to bridge the gap between computational rigor and biological context will be an asset to your research team.

Thank you for your time and consideration. I look forward to the possibility of discussing how my technical expertise and passion for genomic discovery can support the objectives of [Institution/Company Name].

Sincerely,

[Your Signature]

[Your Printed Name]