
Computational Biologist Resume

Job Objective

Seeking a challenging position as Computational Biologist in an organization that will effectively utilize my experience and offers opportunity for career growth.

Highlights of Qualifications:

- Extensive experience of performing biological data computations and algorithm development
 - In-depth knowledge of computational biology and computing environments like SGE and LSF
 - Remarkable knowledge of Java, Perl, UNIX/Linux, and SAS statistical software
 - Familiarity with microbiology, molecular biology, and cancer genomics
 - Ability to create effective SQL queries and relational database schemas
 - Ability to conduct statistical analysis on large biological datasets, properly
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Professional Experience:

Computational Biologist
R&D Systems, Worthington, OH
August 2012 – Present

Responsibilities:

- Designed and created algorithms and approaches to data analysis of genomic data.
- Determined and utilized effective computational techniques to develop analysis tools.
- Planned and developed proper experiments for the validation of the analysis process.
- Authored internal reports and prepared presentations for publication.
- Obtained, compiled, and interpreted information from various biological data sources.
- Liaised with other computer program scientists and executed computational research activities.

Computational Biologist
Pfizer Inc, Worthington, OH
May 2009 – July 2012

Responsibilities:

- Planned and implemented computational strategies for analysis and integration of genomic data.
 - Created and utilized analytic and reporting scripts and tools.
 - Developed data analysis pipelines and executed complex data analysis.
 - Reviewed and revised all existing algorithms to complete computational activities, on time.
 - Participated in team meetings and conducted training for technical staff and interns.
 - Developed and maintained positive relationships with all clients and other scientists.
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Education:

Bachelor's Degree in Bioinformatics
Lasell College, Newton, MA

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