



**ESAC Enterprise Science And Computing, Inc.**  
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## Bioinformatics Specialist

As a Bioinformatics Specialist, the successful candidate will report to the Director of Informatics. The successful candidates will perform bioinformatics support and quality assurance for ESAC clients at the National Institutes of Health and other scientific organizations. The position will either be located at client sites (DC metro area) or at the E-SAC Office in Rockville, MD

### Principal Responsibilities:

1. Serve as the bioinformatics expert on new and existing projects for ESAC clients.
2. Be a member of a team building applications for laboratory data management systems including proteomic data management as well as analysis software.
3. Provide bioinformatics services to assist scientific problem solving in a broad range of research topics. Typical daily work might include custom data processing, mass spectrometry data analysis and peptide identification, functional genomics analysis, SNP analysis, etc.
4. Write custom scripts and develop programs in .net, java, perl, etc.

### Minimum Qualifications:

1. M.S. or equivalent degree with combined education and experience in bioinformatics. Applicants with education background in bioinformatics or related topics (e.g. mathematics and computer science/engineering) plus significant combined education and experience in statistics will also be considered.
2. 2-5 years of experience in a range of software development activities including programming in .net/C#/VB, java, SQL, etc.
3. Some experience with relational databases like Oracle, MySQL, etc.
4. Knowledge or experience in mass spectrometry; basic technology, sample preparation, data analysis workflows, peptide identification.
5. Experience in translating customer requirements into technical requirements.
6. Ability to identify, prioritize, and execute tasks to meet critical project deadlines.
7. Independent problem solver that enjoys collaborative research.
8. Excellent communication and people skills.

### Preferred Qualifications:

1. Ph.D. degree in science, engineering or statistics with combined education and experience in bioinformatics.
2. Some experience in the use of genomic or proteomic analysis tools, databases, and file formats (BioPerl, ProteoWizard, GenePattern, PRIDE, Proteome Commons Tranche, MIAPE, mzML, mzIdentML).
3. Familiarity with the challenges of managing large amounts of data and large number of samples.
4. Experience in design and execution of analytical workflows and the display/visualization of results.

5. Formal coursework or advanced training in one or more of the following: biology, biochemistry, bioinformatics, software engineering.
6. Knowledge in scientific and statistical software development, e.g. implementation of statistical tests and computing algorithms using a mainstream programming language.

**Application Instructions:**

Applicants are requested to apply by submitting a resume, copy (s) of college transcripts, contact information for three references (excluding relatives), and a cover letter explaining interest in the position and career goals. Applications will be accepted until a candidate is hired. Interested applicants should apply immediately.

Please submit the resume and required information at [hr@esacinc.com](mailto:hr@esacinc.com) .

**About E-SAC Inc.**

E-SAC Inc provides innovative information technology solutions to facilitate research data management for life science companies. Our mission is to support the global vision of personalized medicine by providing value added services and products. We are always looking for people with strong bioinformatics, translational research and life science backgrounds.

We are located at Rockville Innovation Center in the hub of new Rockville Town center. The technology incubator is supported by the business innovation network of Montgomery County Department of Economic Development.

**Our benefits package includes the following:**

- Competitive Base and Incentive Compensation
- Medical, Dental and Vision Insurance
- 401(k) Employee Savings Plan with company matching
- Paid Time Off
- Company Holidays
- Employee Assistance Program
- And several other fringe benefits and perks