

EPIVAX Incorporated

Computational Immunologist

Job Description

EpiVax is seeking an experienced Computational Immunologist to work with our Bioinformatics group on the rational design, development, and evaluation of improved protein-based medicines. The successful candidate will have an advanced degree in bioinformatics (PhD required), strong verbal and written communication skills. Job responsibilities include, protein design, immunogenicity screening and deimmunization, data analysis, report writing and presentation. Some travel required.

Primary Responsibilities

- Plans, coordinates and executes statistics-based analysis of biological data;
- Communicates/presents data summaries, graphics, and statistical analysis effectively and regularly to others during project meetings, scientific reviews and on client calls;
- Composes publications, presentations, posters and client reports;
- Designs, implements, tests, and releases numerous web-based applications related to the field of Computational Immunology;
- Maintains and enhances existing web based applications in an HTML/JavaScript/Oracle PL/SQL environment;
- Maintains large-scale databases and prepares data for utilization by scientists;
- Maintains and improves professional knowledge of technological advancements in data manipulation and statistical analyses;
- Any other duties deemed necessary by management.

Qualifications

- I. **Education:** A PhD in a biological science, computer science, statistics, or related discipline is required. PhD in Bioinformatics is preferred. Previous exposure to biology, immunology, and/or bioinformatics is also required.
- II. **Experience:** Experience in HTML based application development with some scripting language such as JavaScript, Java, Basic, PHP, or Python required. Experience with SQL and or Oracle PL/SQL a strong plus. Some knowledge of basic statistics or statistical packages such as SAS or SPSS is a plus. Experience with network administration in a mixed environment (Linux, Windows, OSX) is a plus.

- III. **General:** Strong reading and writing skills. Detail orientation, problem solving and critical thinking skills. Working knowledge of Microsoft Office. Strong work ethic is essential.

Key Contacts

- I. **Internal:** The successful candidate will take day-to-day direction from the Chief Information Officer. The successful candidate will develop close relationships with internal reviewers including the Chief Science Officer and the Bioinformatics Program Manager.
- II. **External:** Limited customer contact and some travel required.

Other

This position offers a unique opportunity to the right candidate. A successful applicant can expect to benefit from many training and growth opportunities presented in a fast-paced environment. We offer many benefits including subsidized health and dental insurance, a liberal paid vacation and holiday schedule, a company matched retirement plan, and profit sharing. This position is ideal for a smart, hardworking candidate interested in a career building position.

