

Summer Intern Opportunity: Bioinformatics Data Analyst / Programmer

General Description of Role

If you know computers, have a keen interest in life sciences and love solving problems in a team environment, this position is a perfect fit.

Building automations and specialized applications in a lab and data management system, you will be key in improving the efficiencies and quality of high-throughput proteomics experiments. These experiments often are asking important questions in our search to cure cancer.

Much like business computer system analysis, a Bioinformatics Data Analyst must accurately understand the procedures performed in a lab, the needs for sample and result traceability for knowledge management, and translate those needs into tracking steps and data views that help the lab and research staff.

Full-time career positions for Bioinformatics Data Analysts are filled by professionals with undergraduate courses in both computer science and molecular biology. They have work experience in programming computers as well as working on experiments in a biological laboratory.

Criteria for a Summer Position

The candidate for the Bioinformatics Data Analyst Summer Position will have:

- Completed second year computer programming courses, or can demonstrate mastery of creating simple but real-life computer applications
- Exposure to scientific laboratory procedures
- Excellent communication and people skills
- A positive attitude and ability to work independently to achieve general outcomes in a technical project

A perfect candidate would also have many of these skills:

- Experience with the requirement and design processes in computer system projects
- Experience with Java based languages (Java, Javascript, Groovy)
- Experience with Linux operating system
- Experience with Proteomics and protein sequencing