



Student Internship Opportunity: Genetic database programming with the Influenza Sequence Database.

Date and Duration of Position: Beginning between September 2009 and December 2009; interns must be able to spend at least 5 months with the project

Position Description: The ISD is a genetic database and web site used for research into the evolution of the influenza virus (<http://www.flu.lanl.gov>). This project offers many, varied opportunities to expand and deepen skills learned in classes while working on a project with real-world significance. The ISD web site provides web-based tools for searching and analyzing the contents of the database. Users include in-house, U.S. and international researchers. Typical projects include extending existing biological tools in the web site, introducing new tools, improving content management scripts, and system administration.

Major(s): Electrical Engineering

Academic Attainment: UGS, GRA

Specialized Skills: (Strength required in some of the following) developing or maintaining database-driven websites; Linux and UNIX-like systems; html (dhtml or xhtml), css and javascript; software version control systems and code management; bug/issue tracking software; WWW human-interface and usability issues; relational database design and development; XML; AJAX.

Additional Requirements: computer science, electrical engineering, bioinformatics, statistics

Instructions to Student Applicants: To submit a letter of interest for this position please select the "Submit" link below. In the body of your email message explain why you are interested in the position and how your background makes you well qualified. Attach a current resume as a document, text or PDF file and then send the message to the address provided.

After sending your message the Los Alamos National Laboratory Student Programs office will contact you to confirm that your letter of interest was received. You will also be provided with additional application information at that time.

Thank you for your interest in pursuing a student internship at Los Alamos National Laboratory.

[SUBMIT TO: t6001@lanl.gov](mailto:t6001@lanl.gov)