Job title: Genomics Website Architect/Developer (Work-Study position)

Hourly rate: $26
Positions: 1

Description:
The Genomics Website Architect/Developer designs, develops, monitors, and maintains website applications and forms to improve communication and administrative functions for the Brenner Lab. The Brenner Lab recently commissioned a new infrastructure for our website, and this infrastructure requires further development before deployment, as well as ongoing maintenance and feature additions. This architect will also work with a graphic designer on the presentation layer of the site.

The Brenner group analyzes comprehensive genetic information, to understand gene regulation and function. Our research has implications for diseases from cancer to Crohn’s Disease, and the future of personalized medicine. We have roughly twenty members ranging from undergraduates to senior researchers. The research group provides a dynamic, occasionally demanding, flexible, and supportive work environment. Please see our old website at http://compbio.berkeley.edu for more information about our group.

Web Developer tasks will include production and maintenance, automating tasks, and ensuring high performance and availability of services.

**Applicants MUST include examples of prior work (e.g., URLs of sites developed), along with detailed explanation of their contributions to its development.**

REQUIRED SKILLS:

Demonstrated experience with web authoring and managing website content
Expertise in current internet standards, including web browsers and browser specifications
In-depth knowledge of HTML and CSS
Experience using an HTML editing tool (e.g., DreamWeaver or text editor & extensions)
Experience producing database-driven web sites using e.g. PHP or Perl and MySQL
Experience designing and maintaining MySQL databases
Understanding of basic programming concepts and shell scripting
Understanding of basic version control concepts, preferably including experience with CVS or SVN
Understanding of networking concepts/technologies, including security
Experiments with developing maintainable production code
Working knowledge of Linux and either XP or OSX work environments
Effective verbal and written communication skills and the ability to interact professionally with a diverse group of users and support staff
Ability to clearly document all projects
Attention to detail is required