

Student Developer Position MII

Job Description

The incumbent will serve as a student application programmer in the service of the UCLA Department of Radiological Sciences. Projects will include implementing methodologies and algorithms for analyzing and visualizing large and complex clinical datasets. In addition, the incumbent will also work on implementing, testing, and maintaining research web-based applications and databases that integrate clinical, imaging, and pathology data. The incumbent is expected to work in accordance with all institutional and regulatory policies governing confidentiality of protected health information in clinical and research practice. Implement web-based applications using Java, RESTful services, HTML, SQL, CSS, JSON, SSL, XML, and JavaScript to combine and visualize clinical data from disparate sources. Design and implement frontend and backend code and SQL databases for clinical and research projects including schema design, security, administration, backup procedures, and ETL (Extract, Transform, Load) procedures from source data repository.

Duties and Tasks

1. Contribute to frontend and backend development for clinical research and informatics projects including schema design, security, administration, backup, and ETL procedures.
2. Assist in programming of web applications using languages such as Java, JSP, RESTful services, AJAX, PHP, HTML, SQL, CSS, JavaScript, JSON, and XML to combine and visualize clinical data from disparate sources.
3. Must devote significant efforts to unit testing, bug fixing, and satisfying user requirements.

Salary Range

Midpoint hourly: \$14.50 ~ Maximum hourly: \$19

Salary will be determined based on qualification of the students. Please forward CVs and resumes to **Amanda Sunyoto** (ASunyoto@mednet.ucla.edu) and call **(562) 794-0267** with any questions.