

JOB DESCRIPTION

Job Title: Programmer
Job Code: 000472
Salary Plan: exempt
Lab: CIDB
Direct Supervisor: Ghebremichael, Musie

Employing Hospital and Department:
Ragon Institute of MGH, MIT, and Harvard

Minimum degree and field of knowledge: BS/BA
Years experience required: 1-2 years experience

General Overview

Acting under the supervision of the Database Manager and working with other Ragon Institute Administrative and Clinical support personnel-will assist with the development, maintenance, and support of the Ragon Institute Cellular Immunology Database (CIDB) its Web Based User Interface.

The Cellular Immunology Database is a Cache InterSystems database with a cross platform User Interface developed using the Adobe Flex framework. The database houses host genetic and clinical information, as well as immunological and virological data pertaining to the study of HIV/AIDS and coronavirus/COVID-19. We are in the process of migrating the Adobe Flex based UI to newer frameworks (such as Angular and HTML).

The Ragon Institute seeks to establish a model of scientific collaboration that links the clinical, translational and basic science experts at MGH, MIT, Harvard and the Broad Institute to tackle the greatest global health challenges related to infectious disease research.

Responsibilities

In conjunction with other database developers and Ragon Investigators, will be responsible for the design, development, and support of the CIDBs Web-based User Interface, .Net and Cache Web services and backend relational databases. Moreover, the developer will assist in developing tools and/or complex queries that will be used by researchers for data analyses including data integrity checks, clinical research and sample identification/selection.

Design, develop, implement and support new features being implemented into the CIDB using Web (Adobe Flex, .Net, Angular) and database (Cache and SQL server) technologies.

Work with other team members to assist in the research, development, trouble shooting and testing that may be required for a specific application/process.

Ensures solutions that are developed follow the CIDB team's development standards and methodologies

Train department support personnel on the use of the Database systems/tools.

The above job description details the major duties and qualifications of the listed position. The employee hired to this position confirms that he/she is able to perform all duties outlined. Although the specific duties and responsibilities of this position may vary slightly, the supervisor of this position will ensure that the employee hired to this position is trained and qualified to complete each task assigned. If the duties or responsibilities of this position need to change significantly, then the supervisor must submit an updated job description to the Office Manager for review.

Approved by (Print Name)	Signature	Date
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Supervisor (Print Name)	Signature
Date	

New Hire Employee (Print Name)	Signature	Date
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