Software Engineer

SPAULDING CLINICAL aims to be the clinical research organization by which all others are measured. Pioneering in our approach to redefining how the industry perceives and achieves success; passionate in our pursuit of ingenious solutions that mitigate risk; loving in our care for our volunteers, customers and employees; and heroic in our ambitions to ensure the health and safety of people around the globe - Spaulding Clinical is taking **research beyond results** to create a marketplace of safer drugs.

Original Date: 21 Jun 2010

Revision Date: 28 Aug 2012

Job Summary:

The Software Engineer will be responsible for meeting a number of programmatic requirements. Tasks will include generating output files containing study data for both internal personnel as well as study sponsors. Output formats will include but not be limited to: Excel, PDF, CSV, XML, and SAS transport. The Software Engineer will not only need to have the technical skills to meet these requirements, but must also be able to perform the programming necessary. Technical skills will require, but not be limited to the follow: SQL, XML, Web Services. The Software Engineer must have a willingness to learn new technologies and be agile in using skills to meet ever-changing demands and requirements.

Essential Duties and Responsibilities:

- Gather requirements from both clinical personnel and pharmaceutical sponsors for data needs
- Design, develop, and test software to meeting clinical needs

The Statements made in the job description are intended to describe the general nature and level of work being performed by people assigned to this job. These statements are not intended to be an exhaustive list of all responsibilities, duties and skills required of people assigned to this job.

Skills/Qualifications

- Ability to read, write, and interpret the English language.
- Strong interpersonal skills
- RDBMS experience.
- Object orientated programming language: Java preferred, C++, Scala, etc. acceptable
- Enrolled in a computer science discipline at an accredited college or university
- Basic background in programming, either academically or professionally.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Ability to sit, stand, walk, reach with hands and arms, and use hands along with fingers, to handle or feel.
- Ability to lift and/or move up to 25 pounds.
- Specific vision abilities required by this job include clarity of vision both near and far.
- Ability to identify and distinguish colors.

Hazards:

- Potential for exposure to toxic or caustic chemicals
- Potential for exposure to blood borne pathogens

Education and Experience:

- Enrolled in a computer science discipline at an accredited college or university

Spaulding Clinical Research management has the discretion to hire personnel with a combination of experience and education which may vary from the above listed skills and qualifications.