Senior Software Engineer

(Software Engineer IV)

Company Description

Cognition is a small, fast moving company that provides a flexible, diverse, and exciting work environment. Our mission is to improve human health by making the electronic submission of regulatory filings to FDA and Notified Bodies accurate, complete, and efficient. Cognition provides a suite of software tools for life science companies to capture and model all aspects of product design, and provides enterprise wide collaborative access to the design model. We also offer consulting services and training in the deployment and use of these solutions.

We value passion and an agile mind over knowledge of specific technical skills.

Job Description

As a Senior Software Engineer at Cognition, you will work with and lead the team to design and develop Cognition's application platform: the Knowledge Center (KC), which is primarily a C++ application. Your technical responsibilities will range from enhancing the compiler and run-time for our custom scripting language, to improving our use of the OODBMS, to a multitude of activities with our custom web server, KC IDE, data import/export utilities, and related tools.

Your primary responsibilities:

- Engage as a team leader who designs, develops, and maintains the Knowledge Center platform
- Lead design sessions for new KC product features and capabilities
- Work directly with the Cockpit development team to design and develop KC improvements
- Provide technical guidance and mentoring to other team members
- Write and review design specifications, and lead their implementation
- Be flexible and adaptable to meet the often-changing needs of a small and growing company

Requirements

- Bachelor's degree in computer science
- Extensive experience with C++, preferably MS VC++ and MFC
- A solid command of STL, multi-threading, and regex
- Extensive experience performing and implementing object-oriented design
- Experience writing or enhancing a parser
- Detail oriented nature
- Penchant for high-quality, performant code and systems
- Excellent problem solver
- Excellent verbal and written communication skills

Desired Experience

- Experience writing a Visual Studio plug-in
- Experience running and configuring web servers (e.g., Apache, IIS)
- Experience porting code from 32-bit to 64-bit
- C# and/or Java skills
- Experience with Git
- Linux command-line tool experience
- Familiarity with at least one RDB system
- Good understanding of Unicode and UTF-8
- Experience creating or working with REST APIs
- Familiar with XPath queries

Salary/Benefits

Salary is competitive and commensurate with credentials and experience.

Additionally, Cognition offers a wide variety of competitive benefits to help meet your needs and to help you balance your work and personal life. Benefits include:

- Choices for medical, dental, vision, and life insurance
- A 401(k)/profit sharing plan
- Disability plans
- A flexible holiday and paid time off program

Job Location: Lexington, MA

Company URL: http://www.cognition.us

Contact: resume@cognition.us

Cognition does not sponsor applicants or employees for employment visas. Being authorized to work in the United States is a precondition for hiring for this position.