



RainDance Technologies Inc.

POSITION DESCRIPTION

Title: **Engineer—Software Engineer (BS)**

RainDance Technologies, Inc. (RDT) is a nanotechnology company devoted to discovering, developing, and commercializing innovative microfluidics products based on precise manipulation of minute volumes of fluids for research scientists in the Life Science, Diagnostic and Industrial markets. The company has combined droplet technology with microfluidics to enable a vast number of analytical reactions to take place at extremely low volumes and speeds up to 10,000 per second.

We are expanding our research and development team by recruiting candidates interested in challenging opportunities for long-term professional growth and personal development. We offer the successful candidate the opportunity to be part of a dynamic team in a pioneering microfluidics company, which includes a scientific advisory board with three Nobel Laureates. Our facility provides a work environment outfitted with the latest research and development technology. RainDance Technologies' employees have an opportunity to work with premier scientists, academic institutions and partner companies in the commercialization of our innovative microfluidics platform.

POSITION SUMMARY:

The person will work with a cross-functional team of engineers and scientists on RDT's first and later commercial products. This position requires both management of direct reports and hands-on work.

ESSENTIAL FUNCTIONS:

- Work with marketing and other functional teams to define product specifications and features
- Work within engineering to define the product and software architecture
- Help make high-level decisions and trade-offs in hardware and software implementations
- Design, code, and test stand-alone instrument-control application software using C# and the .NET framework.
- Support internal R&D with custom software tools
- Design, code, and test software for scientific data analysis
- Set appropriate goals for direct-reports, track and communicate progress to upper management. Identify program risks and plan resource requirements.
- Other tasks as reasonably requested.



RainDance Technologies Inc.

QUALIFICATIONS:

Required:

- A BSEE or BSCS or equivalent with at least 8 years experience writing software in a commercial setting
- At least 2 years experience designing stand-alone Windows applications using C# and the .NET framework
- Extensive experience writing software for instrumentation or process control and experience writing software that interacts with and controls electro-mechanical systems.
- Ability to understand and solve cross-functional design issues.
- Demonstrated ability to lead software and product development projects from concept through release to manufacturing.
- GUI design experience

Desired:

- Experience with .NET 3.0 and the Windows Presentation Foundation
- XAML user interface design experience
- Experience writing C++ and assembly software for embedded systems and micro-controllers

Benefits

RainDance Technologies offers a valuable benefits package as part of your compensation. The company is committed to providing all employees with a broad range of competitive benefit programs to meet personal and financial needs. Some of the benefits available to full-time employees are:

- Medical & Dental Insurance
- Health Care Flex Spending Account
- Dependent Care Flex Spending Account
- 401(k) Retirement Savings Plan
- Employee Stock Ownership Plan
- Basic Life Insurance
- Voluntary Term Life Insurance
- Basic Accidental Death & Dismemberment Insurance
- Business Travel Accident Insurance
- Short-term Disability
- Long-term Disability
- Vacation, holidays, and sick time pay

When applying for this position, please put the job title on the subject line and send the email to:

rdtjobs@raindancetechnologies.com

An equal opportunity employer

Visit our website: www.raindancetechnologies.com