F R A C T I L I A
COMPUTATIONAL METROLOGY

Position: Software Engineer

Reports to: CTO
Direct reports: None
Location: Austin, Texas
Employment type: Full Time

Summary: Fractilia is the world leader in developing and deploying software solutions for accurate measurement of stochastics effects from SEM images. We are growing rapidly and expanding our technology into new use cases and industries. Working in conjunction with the R&D team, the rest of the engineering team, and the product marketing team, the Software Engineer will help design and develop our current and future products. We are a rapidly-growing company looking to hire top technical talent.

Primary Responsibilities:
• Design and develop features and products for existing and new use cases
• Manage internal software engineering processes
• Collaborate with the R&D, software engineering, SQA, and Product Marketing teams to create and release the highest-quality software products
• Manage individual project priorities, deadlines and deliverables

Applicants should be highly skilled in object-oriented programming with experience in one or more of C#, VB.NET, C++, or Java. Experience with software analysis and design, source control, and the software development life cycle are also required.

Qualifications Required:
• BS in Computer Science or equivalent experience
• At least 1 year of professional software development experience with strong track record of success
• Proven history of on-time project delivery with high quality work products
• Strong communication, interpersonal, and organizational skills

Preferred:
• Experience in Windows .NET development
• Experience with Windows and Linux operating systems
• Experience in GUI development

The following skills are a plus:
• Experience with .NET, Windows Forms, ADO, Entity Framework, ASP, Blazor, SignalR, WebAPI
• Data visualization / graphing
• Globalization / localization
• DPI-aware GUI development
• Cross-platform development
• Service architecture / cluster computing:
    Kubernetes or equivalent; AWS; Monitoring and telemetry; Asynchronous messaging (Redis / RabbitMQ or equivalent)
• Programming for high availability and high scalability applications
• SQL, NoSQL
• Jenkins
• Image processing
• Experience in the semiconductor industry
• Software licensing

To Apply: Please submit resume to jobs@fractilia.com

www.fractilia.com