<table>
<thead>
<tr>
<th><strong>REQUISITION NUMBER:</strong></th>
<th>2020-06</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MEI POSITION TITLE:</strong></td>
<td>Senior Software Engineer – C#.NET</td>
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<tr>
<td><strong>REVISION DATE:</strong></td>
<td>April 2020</td>
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<td><strong>REPORTS TO:</strong></td>
<td>Senior Software Development Manager</td>
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<tr>
<td><strong>LOCATION:</strong></td>
<td>Kirkland, WA</td>
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<tr>
<td><strong>STATUS</strong></td>
<td>Exempt/Salaried; Full-time</td>
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<td><strong>TRAVEL:</strong></td>
<td>Occasional business travel; domestic and international</td>
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<tr>
<td><strong>EDUCATION REQUIRED:</strong></td>
<td>BS in Computer Science, Engineering or related technical discipline, or equivalent professional experience</td>
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</tbody>
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| **REQUIRED EXPERIENCE/SKILLS:** | • Strong C#/.NET skills (4+ years recent professional experience)  
• Ability and passion for creating extensible and maintainable software  
• Solid understanding and experience with software design and architecture patterns  
• Ability to follow Clean Code development practices to deliver highly maintainable software products  
• Strong belief in agile software development practices  
• Strong team player, accountable and dependable  
• Strong problem solver  
• Strong written and verbal communication skills  
• Ability and passion for learning and staying current within the field  
• Excellent attention to detail  
• Strong desire to get things done and deliver business value |
| **BENEFICIAL EXPERIENCE/SKILLS:** | • GUI development skills (2+ years recent professional experience)  
• Experience with desktop WPF, Blend, and/or Telerik WPF Control Library, MVVM pattern  
• GUI design and development experience with other technologies, such as HTML, WinForms, Xamarin, Android, etc.  
• Experience using SOLID principles, Clean Code practices  
• Experience with agile software development practices, working in cross-functional teams, producing accurate estimates  
• Experience developing software that monitors or controls hardware devices  
• Experience with Visual Studio, Azure DevOps or TFS, Git, WiX  
• Understanding of metrology, CNC or coordinate measuring machines, mechanical design, CAD, or manufacturing  
• Geometry skills  
• Knowledge of Japanese or German business practices / language |
| **DUTIES & RESPONSIBILITIES:** | • Develop software components in C#/.NET for a Windows-based metrology system, including collaboration in requirements definition, design, coding, and testing  
• Follow software engineering practices and design principles that are aligned with the global team  
• Work effectively as a member of local and global scrum teams  
• Communicate effectively  
• Consistent attendance and performance  
• Interact in a positive and constructive manner with co-workers  
• Serve as a technical resource to other engineers in the team  
• Learn new technology, development methodologies and tools  
• Learn metrology concepts and systems  
• Learn and strive for mastery of WPF/XAML  
• Identify, establish, and propagate best practices and patterns for GUI implementation in Windows desktop application |
| **ADDITIONAL INFORMATION:** | MEI offers a progressive, challenging, casual, team-oriented work environment, competitive salaries and an excellent benefit package, including matching 401k.  
Please apply for this position [here](#).  
Please visit [www.microen.com](http://www.microen.com) for additional information. Applicants must be authorized to work for any employer in the U.S. |

**Disclaimer:** The above information on this description has been designed to indicate the general nature and level of work performed by Team Members within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of Team Members assigned to this job.