



## Job Posting – Software Engineer

Modulated Imaging is a venture backed medical device company that is helping solve some of the most devastating consequences of diabetes. We are a spin-out of the Beckman Laser Institute at the University of California, Irvine and our team consists of some of the leading experts in our field. If you are looking for an opportunity to be part of a growing team that is changing medicine - this is the place for you.

### The Opportunity:

- The PRIMARY role is to design, implement, and maintain the company's medical device software and data analysis platform. Including front-end client applications (WPF, Blazor, MVC) driven by business-logic (C# .NET Core services), backed by local and cloud data repositories (LiteDB, MongoDB, Azure Blob).
- There will be opportunities to develop lower level (C and C++ instrumentation drivers & algorithms) systems.

### The Qualifications:

- Proficient in C# .NET Core, WPF or other MVVM UI Framework
- Proficient with web based API's (REST, Graph, etc...)
- Proficient in Unit Testing and Integration Testing using UI Testing Frameworks
- Must be a “creative problem solver”; curious, inquisitive, willing to explore and learn a broad range of subjects, and mostly not constrained to one solution.
- Knowledge of MS Office tools required
- Must have strong verbal and written communication skills

### Additional Skills

- Experience with Python strongly preferred
- Experience with Microsoft Azure AD B2C, Blob Storage, and other Azure services
- Experience with NoSQL databases like MongoDB
- Experience with Jenkins or other CI/CD platform
- Experience with GIT or other source control
- Experience with Agile SCRUM

### Bonus Experience

- Expertise developing Software for Medical Devices or other “controlled environment”, with specific experience in the area of medical image processing being strongly preferred
- Experience with image processing, computer vision, and/or GPU computing
- Lower-level graphical programming/rendering experience (OpenGL/DirectX/etc)
- Working knowledge of MATLAB.
- Experience with instrumentation and test systems preferred

### The Benefits:

- Generous paid-time-off policy & employer contribution toward medical insurance
- Employee-paid dental, vision and a variety of supplemental insurance policies available
- Employer-paid \$10,000 Basic Life Insurance
- 401(k) Plan with matching benefits
- Stock option plan



**Location**

- Irvine, California

Send resume and relevant information to [jobs@modulatedimaging.com](mailto:jobs@modulatedimaging.com)

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