Inovision®

Creating Solutions for a Changing World

Chesterfield
50561 Chesterfield Rd. | Chesterfield, MI | 48051
P: (586) 598-8750 | F: (586) 421-9700

Bond St.
2610 Bond St. | Rochester Hills, MI | 48309
P: (248) 299-1915 | F: (586) 421-9700

SOFTWARE ENGINEER
(C#, C++, Python, AI)

JOB DESCRIPTION

Job Type: Contract or Full Time

Rate: Hourly + 1.5x Overtime ** Rate is commensurate with experience*

General

Seeking skilled image processing, artificial intelligence, and machine vision engineer. We are developing new applications to scan and analyze quality of various parts from small components to large vehicles in a manufacturing process. This application involves an understanding of cameras, lights, image processing, classification patterns, etc.

Our solutions are deployed in multiple fields such as medical, automotive and aerospace markets. For example, our medical applications are used in hospitals and ophthalmic offices worldwide to scan 3D images of the eye. Our automotive applications control factories for Tesla, Ford, Toyota, and Mercedes using IoT methods paired with Artificial Intelligence algorithms.

Candidates must have a solid electrical engineering, physics or computer science background with very strong image processing skills or artificial intelligence skills. This position requires a strong software developer who has an understanding of cameras, lights, and image processing. The individual must be highly motivated and adept at working both alone or in a group environment, and work well under pressure.

We use the latest technologies including C#, C++, Python, and WPF. This is a great opportunity to stay up to date on the latest platforms.

Education

- Bachelor's degree in engineering or computer science preferred

Job Description

The essential job functions for this position are:

- Write functional and design specifications as required for projects
- Develop software in Microsoft C# based on customer and/or project requirements
- Experienced image processing skills
- Create and execute test plans for software modules
- Experience with AI or Image Processing
- Adhere to specific company and/or customer coding conventions
- Write online and printed documentation for end users
- Occasional work in a factory environment

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Minimum Qualifications

Candidates for this position must possess all of the following qualifications:

- Skilled at programming in Microsoft C#/C++ and .NET
- Motivated, intelligent, and hard-working
- Excellent communication skills
- Ability to troubleshoot code written by others
- Willingness to travel occasionally
- Attention to detail
- Strong desire to learn new technologies
- Ability to solve difficult problems
- Legally authorized to work full time in the United States and travel internationally as needed

Preferred Qualifications

The following skills are desired, but not required:

- Experience with WPF, WCF, TFS, CUDA/OpenGL, and AI Programming
- Programming with other technologies (Visual Basic, Java, etc.)
- Web development (Microsoft MVC, Webforms, JavaScript, PHP, Perl, etc.)

Other Information

Inovision is an equal opportunity employer.

Candidates must be able to perform the essential job functions with reasonable accommodation.

Employees must maintain a mobile phone and valid driver's license.

Candidates will be required to write a sample program during the interview process

All candidate information will be kept confidential according to EEO guidelines

Please email mparks@inovision.com with potential candidate resumes

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