

Electro-Optical Engineer/Scientist position

Motivated, energetic electro-optical engineer/scientist sought for Middleton, WI based opto-electronics engineering company.

Qualifications: engineering or physics graduate degree with experience in spectroscopy and imaging, computer vision hardware, software and applications.

Candidate has to have good understanding of optical, spectroscopic and measurement problems, able to use ZEMAX and other optical design and simulation programs. Main areas will be applications of hyperspectral imaging, instrument and system design, and based on the candidate's background, also electronic systems design, algorithm or software development.

Candidate will be expected to generate novel ideas, new solutions that lead to novel applications of optics, spectroscopy and hyperspectral imaging, help design innovative instruments and systems and participate in patenting the new technologies.

Candidate should have good presentations, communications, oral and writing skills and may represent the company at conferences, in customer interactions, demos and interactions with engineers and scientists in the field. Tasks will include writing scientific and technical articles and help with marketing materials.

Life sciences applications of hyperspectral imaging , fluorescence and microscope based systems, programming in C++, C#, Matlab, Labview, optical and mechanical design, industrial process monitoring experience are strong additional considerations.

Must be able to travel, work in an engineering team or autonomously, if necessary.

Compensation is based on experience and education level.

For scheduling an interview, please contact Jim Huberty at (608) 831-2141.