

Sr. Software Engineer, Project Manager; Image Analysis

If you enjoy working on really complex computer science problems, you are the right person for this position! Abeam Technologies Inc. is a US company working in the heart of the semiconductor industry. Abeam is the world's leader in developing modeling and process optimization software for micro and nanofabrication technologies. Our products are at the world's top level; they are enriched with physics and math. This position is perfect for you if you like challenges, complexity, and have good intuition when solving problems that nobody else can solve. We work in a fast environment where what you brainstorm in the morning can be implemented in the afternoon.

The company is looking for very passionate and talented Senior Software Engineer/Project Manager in the image analysis group. You should be able to solve difficult problems on your own, and by aligning and working with team members to succeed in meeting goals.

Required skills:

- Excellent C++, knowledge of object oriented design and design patterns
- Quality focused: you take pride in your code
- Computational methods of math and physics; good knowledge of numerical methods and corresponding libraries
- Qt environment, development of multiplatform applications
- Solid experience in image processing and analysis; knowledge of image recognition, segmentation and filtering techniques; Fourier analysis
- Strong analytical, troubleshooting, and problem solving skills oriented towards innovation
- High level of intellectual ability, integrity, and initiative to get the project done
- At least 3 years experience. Proficiency in all phases of development including design, implementation, debugging, verification, and validation

Optional skills that will be a plus:

- Experience in the management of software development projects
- CUDA experience
- Russian language (speaking) is a plus but not necessary.

Contact: jobSW@abeamtech.com

The office is in Hayward, CA.

www.abeamtech.com

Please do not call about job inquiries. Principals only, no third party.