

Software Development Engineer

Passion for Algorithms and Problem-Solving

Location:

Allerød, Denmark | Full-Time

Do you love solving real-world problems with smart software solutions? Are you curious about how image processing, algorithms, and new technologies like AI can improve everyday products?

At Global Scanning, we're looking for a software developer—whether you're just starting your career or have several years of experience—who is excited to contribute to our innovative scanning technology.

About Us

Global Scanning is the world leader in large-format scanners, trusted by industries like architecture, design, engineering, and digital preservation. We take pride in developing everything in-house—from hardware and electronics to the intelligent software that powers our products. Our scanners are used worldwide to digitize everything from blueprints to historical documents.

The Role

As a Software Development Engineer, you'll be a key part of our development team, working on software that powers our scanners to deliver fast, high-quality results. You'll get to work on all aspects of the software lifecycle, from design and development to testing and optimization. You'll have the opportunity to explore a wide variety of topics to enhance scanner performance.

What You'll Be Doing

- Develop software in C++ (Visual Studio) for Windows and occasionally Linux.
- Help improve our products with tasks like:
 - Optimizing scanner calibration and improving scanning quality.
 - Maintaining and keeping production software up to date.
 - Enhancing image quality using colour management.
- Participate in projects that experiment and introduce AI.
- Contribute to performance improvements using parallel programming and GPU optimizations.
- Collaborate with software, firmware, hardware, and quality teams across Denmark, the UK, and China to deliver seamless solutions.

Who You Are

We're looking for a curious problem-solver who's eager to build smart, efficient solutions and learn from hands-on experience. You have a proactive and collaborative mindset—you enjoy working in a team and are comfortable sharing ideas and asking questions.

Must-Have Qualifications

- Some experience (or a strong academic background) in C++ development.
- Some experience (or a strong academic background) working with AI and helping us implement AI where possible.
- Interest in image processing, algorithms, or software optimization.
- An eagerness to collaborate, share ideas, and grow with the team.
- Comfort working with English documentation and communication.

Nice-to-Have Qualifications

- Knowledge of SSE intrinsics, parallel programming, OpenCV, and/or GPU programming.
- Interest in exploring areas like colour management (ICC profiling, metamerism) and printer support.

Remember:

You don't need to check every box—we're excited to help you develop your skills.

What We Offer

- **Impact and Learning:** You'll work on meaningful projects and gain experience across software, hardware, and systems development.
- **Cross-Disciplinary Collaboration:** Our software, quality, electronics, and mechanical teams work closely together in the same office for fast, efficient collaboration.
- **Supportive Growth Environment:** Whether you're starting your career or expanding your expertise, you'll get mentorship and opportunities to grow.
- **Flexibility:** We offer flexible working hours and a healthy work-life balance.
- **Competitive benefits:** company pension plan, health insurance, free home internet access and a great canteen.
- A modern, well-connected office in Allerød, just north of Copenhagen, close to the S-train and highway.

Next Steps

Excited to join our team? Send your application and a brief CV to job@globalscanning.com with the subject: Software Developer.

If you have any questions, reach out to Gerard Verhaegh, Software Manager, at +45 4814 1122.

About Global Scanning

With offices in Denmark, the USA, China, and Japan, Global Scanning serves customers across the globe. Our headquarters and development hub are in Allerød, with production in China. Learn more at www.globalscanning.com.