KLA+ / ICOS Division (Leuven)

Software Engineer Wafer Level Packaging Team

Company Overview

Calling the adventurers ready to join a company that's pushing the limits of nanotechnology to keep the digital revolution rolling. At KLA, we're making technology advancements that are bigger—and tinier—than the world has ever seen.

Who are we? We research, develop, and manufacture the world's most advanced inspection and measurement equipment for the semiconductor and nanoelectronics industries. We enable the digital age by pushing the boundaries of technology, creating tools capable of finding defects smaller than a wavelength of visible light. We create smarter processes so that technology leaders can manufacture high-performance chips—the kind in that phone in your pocket, the tablet on your desk and nearly every electronic device you own—faster and better. We're passionate about creating solutions that drive progress and help people do what wouldn't be possible without us. The future is calling. Will you answer?

Group/Division

The ICOS Vision Systems division focuses on the backend of the line semiconductor industry providing fully automated tools to inspect and sort, finished integrated circuit packages. For more than 15 years, ICOS has been a market leader with tray-to-tray and tray-to-tape inspection and sorting tools found in the production facilities of all major chipmakers in the world. Our market-leading technology and superior customer service requires strong talent in optics, machine control, algorithms and applications within our engineering teams. The ICOS division headquarters are in Leuven, Belgium with additional engineering and manufacturing operations in Hong Kong and Shenzhen, China.

Responsibilities

As a **senior software engineer** in our wafer level package inspection development team

You will be part of an international Scrum team that uses agile standard methodologies to build stable and maintainable software.

You will apply the latest techniques in C++ and C# software design to develop software that ranges from machine control up till modern WPF user interfaces.

You will have the opportunity to occasionally travel to customers and discover new places and cultures along the way.

Monthly team training sessions and access to online learning portals will ensure that your knowledge stays up-to-date and allow you to grow beyond your current know-how.

From on the edge software development, designing advanced machines, defining and implementing image processing algorithms or crafting new ways to do optical inspections, we do it all, and **we need your talent to keep going one step beyond!**

Qualifications

- Minimum an MS degree in engineering with at least 5 years of experience.
- Experience with C++ software development.
- Knowledge of object-oriented design, design patterns, and UML.
- An affinity to automation. Knowledge of PLC programming is a plus.
- Knowledge of C#, WPF, Python, GIT and Scrum are a plus.
- Strong communication, analytical, and problem-solving skills.
- Proficient in English.

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