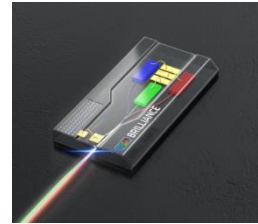# Vacancy

Process Development Engineer

Brilliance is developing a breakthrough RGB laser light engine based on integrated photonic technology. We are looking for a Process Development Engineer who can scale up our breakthrough product in a structured and reliable way to high volumes required for Augmented Reality glasses and Automotive Applications of the future.
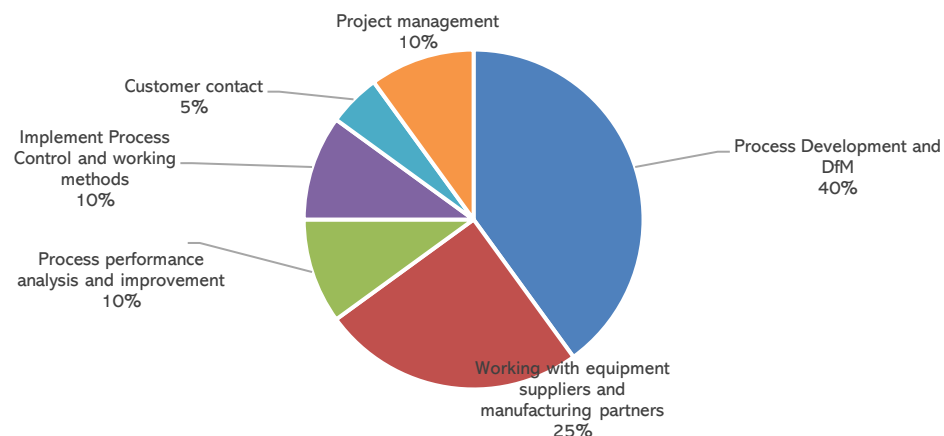
What is required

- Proven track record with scaling up high-tech manufacturing processes in demanding environments, at least 2-3 years relevant work experience. Experience in semiconductor or electronics industry is a pre.
- Experience with (Design for) Six Sigma, Design for Manufacturing (DFM) and Process and Quality Control.
- Understanding of how assembly process choices impact capital investments, capacity and product costs.
- Broad technical interest and the ability to combine fundamental thinking with a result driven approach.
- Self-starter with the ability to combine pragmatism with an out-of-the-box mindset.
- BSc or MSc in a relevant field like mechanical engineering, electrical engineering, (applied) physics, or similar.

What we offer

- An open and fun environment, variation, freedom to do things your way in an energetic start-up environment.
- Good benefit package and plenty of flexibility.
- We scale up our company together: Join in an early phase and make a big impact!

What you will be doing

Project management 10%

Customer contact 5%

Implement Process Control and working methods 10%

Process performance analysis and improvement 10%

Process Development and DfM 40%

Working with equipment suppliers and manufacturing partners 25%

Apply at
info@brillianceRGB.com

The future is visible

About Brilliance

If you love high-tech and making an impact on future technology, you'll share our view that Brilliance is the coolest high-tech start-up company around the block.

Augmented Reality glasses are the next big technology trend. Brilliance delivers a key component to enable this: The smallest and most efficient RGB laser light engine in the world based on Integrated Photonics. Working closely with tech giants, component suppliers and other partners, we are entering the next phase of system integration and scaling up to enable the ultimate Augmented Reality experience.

Brilliance is a start-up, but we're leaning on 20 years of technology development and IP within the Twente area. Currently we are delivering the prototypes to our customers while growing the company and preparing for high volume production. We offer the unique opportunity to join us and become part of our core team in this exciting phase.

Detailed job description

We are looking for a Process Development Engineer who can scale up our breakthrough RGB laser light engine technology in a structured and reliable way to high volumes required for Augmented Reality glasses and Automotive Applications of the future.

You will have a pivotal role between the design team and manufacturing partners to ensure our RGB laser light engine is suitable for manufacturing and ensure a robust assembly process, based on cutting edge photonic and semiconductor equipment, is being developed.

You will be the primary contact for our assembly partners, together with them you will choose and develop the correct processes to enable robust assembly of our RGB laser light engine. Your experience will allow you to set realistic development targets, make the right tradeoffs and explain how the assembly process impacts product performance, costs and how process quality is controlled.

You have a relevant technical background, are data driven, have experience with Six Sigma, DFM and know how to implement process controls in a production environment. An understanding of how the choices you make impact capacity and product cost is important.

You have a hands-on mentality, like to take ownership and enjoy challenges and learning new things. You'll be working in a multidisciplinary environment where semiconductor technology, electronics, mechanics and optics come together.

Grow with Brilliance into the next phase towards of high-volume industrialization; as an early team member, you pave the way for the future of our company, embracing the culture of a challenging but friendly environment where everybody can be themselves while having a lot of fun together as a team.

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