PHOTEON

Senior Lab Validation Engineer

Drive Innovation. Lead Excellence. Shape the Future.

At Photeon, we are pioneers in turnkey solutions, delivering high-performance electronic systems across Automotive, Industrial, Medical, and other cutting-edge markets**.** We don't just test circuits - we validate the future of technology.

As a Senior Lab Validation Engineer, you will play a key role in shaping test strategies, leading validation efforts, and mentoring junior engineers. If you thrive in a dynamic lab environment and have a deep passion for electronics and measurement automation, we invite you to be part of our journey.

Your Impact:

- **Lead** the development of comprehensive test and validation strategies for advanced ASICs and electronic systems
- **Drive automation** by developing efficient test scripts (Python, C, MATLAB) to streamline validation workflows
- **Optimize lab setups** and define best practices for measurement automation and data analysis
- **Collaborate closely** with designers, verification teams, and cross-functional stakeholders to ensure product excellence
- **Identify and troubleshoot complex issues** using high-end lab equipment (oscilloscopes, waveform generators, spectrum analyzers, etc.)
- **Mentor and guide** junior engineers, fostering technical excellence within the team
- **Enhance validation methodologies** by implementing innovative test solutions and **improving efficiency**

What You Bring:

- 7+ years of hands-on experience in lab validation, test automation, and electronic circuit measurement
- Expertise in high-speed signal measurement, mixed-signal validation, and precision testing techniques
- Advanced proficiency in lab automation (Python, C, MATLAB, SCPI-based automation)
- Deep understanding of interface protocols (I2C, SPI, UART, JTAG) and power management circuits
- Experience in PCB bring-up, debugging, and validation
- Strong analytical skills to identify root causes of failures and optimize test coverage
- A proactive mindset with the ability to lead projects and drive continuous improvement
- Excellent communication skills to collaborate with a diverse, international team
- Passion for mentorship, knowledge-sharing, and guiding the next generation of engineers

Why Join Us?

- **Leadership Opportunity** – Influence validation strategies and mentor engineers
- **State-of-the-Art Lab** – Work with the latest equipment and tools
- **Exciting Projects** – Be part of the next generation of high-tech products
- **Flexible Work Culture** – Enjoy a balance of autonomy and collaboration
- **Career Growth** – Continuous learning, training, and development programs
- **Competitive Compensation** – Attractive salary, benefits, and recognition for expertise

If you're ready to **lead, innovate, and elevate lab validation to the next level**, we'd love to hear from you!

Are you ready to shape the future of semiconductor technology aimed at enabling solutions for a better life? We look forward to receiving your application at recruiting@photeon.com.

Location: Dornbirn, Austria

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