



Profile Junior Electronics Engineer

Job description

As Junior Electronics Engineer at LioniX International you are part of a creative and enthusiastic group of people, working on a wide range of projects and technologies. Your work might enable quantum photonic computers, drive ultra-stable lasers, help to fight COVID-19 or literally reach astronomical heights as part of microwave photonic assemblies.

As a member of the Optics and Electronics Design Group your main role will be to support senior engineers in a hands-on, practical role with the research, development, manufacturing and testing of our electronic systems. Here the wide range of photonic applications and their unconventional state-of-the-art nature provide ample opportunities for your creative mind to explore, invent, and experience.

The wide variety of projects also allows you to work on some projects individually and gives opportunities for growth.

Working with the optical designers in the Optics and Electronics Design Group will expand your knowledge about the possibilities and limitations of integrated optical components. By combining this knowledge with your own background in electronics you will then design the PCBAs that interface to these components efficiently, or work with the designers to form an alternative solution if a problem occurs.

Expanding on this knowledge you will also work with our Microwave Photonics team to design the RF PCBAs that are the main interface to our optical delay lines, used for example in 5G- and Aerospace-applications. For this, prior experience with RF PCB design is an advantage but not required as you will receive in-house training if needed.

Professional requirements:

- You have a Bachelor of (Applied) Science or Master's degree in electrical engineering or comparable
- You have experience with ECAD software
- A keen interest in RF layout or circuit design is a must. Experience is a plus
- Having electronics as a hobby is a plus
- Knowledge of C/C++ and embedded programming is a nice to have
- You follow trends in electronic engineering and have a curious mindset
- You are a team player, well organized, pro-active and creative

Languages

- Dutch or willing to learn it
- Good command of the English language, both spoken and written



LioniX company profile

LioniX International is a leading global provider of customized microsystem solutions with a strong focus on integrated photonics. Built upon a strong IP foundation and in-house chip manufacturing we provide integrated optical, fluidic and MEMS solutions for OEM's and system Integrators in scalable production volumes. LioniX offers its customers a complete solution from design and fabrication to photonic circuit packaging and supporting electronics.

LioniX International employs nearly 50 highly educated and enthusiastic people, solving our customers' challenges in many application areas including telecom, metrology, aerospace, and life sciences.

What LioniX International offers you

- Competitive Salary
- Good terms of employment
- Opportunities for career development through training
- Company paid pension plan
- Company paid insurances
- Healthy work – life balance
- International working environment

Working at LioniX International is working in a dynamic and inspiring environment on state-of-the-art products. As a technology driven company our teams are always curious and looking for challenges and possibilities. As a team member you will learn from experienced colleagues and you will be challenged to explore your creativity and problem-solving skills. Self-deployment and initiative are stimulated and highly valued by LioniX International for a lasting and pleasant work relationship.

As a global player in microsystem technology, LioniX International provides services to companies large and small across the world and employs a wide array of personnel from different nationalities and technical backgrounds, giving you a diverse environment from which to draw experience.

When joining the LioniX family, you will experience many off-work activities, like Friday afternoon socials and days-out with the company. Finally, LioniX International has good terms of employment, including an excellent pension and insurance plan both for you and your family.

Please visit our website Lionix-international for an extensive introduction.

Contact

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