

Systems / Electrical Engineer

Tønsberg, Norway | International applicants welcome | Relocation & visa support provided

Design the electronics and systems behind the next generation of imaging.

Are you an Electrical or Systems Engineer who enjoys working at the point where electronics, imaging, software and mechanical engineering come together?

Have you worked on complex products such as **cameras, smartphones, wearables, optical systems, consumer electronics, industrial imaging or other sophisticated embedded products**?

Would you consider relocating to **Tønsberg, Norway**, with relocation and visa support provided?

If so, poLight would like to hear from you.

About poLight

poLight is a Norwegian technology company developing patented tunable-optics technology designed to bring extremely fast, compact and low-power autofocus capabilities to imaging systems.

Its flagship TLens® technology is inspired by the human eye and is being developed for applications including AR/MR devices, smartphones, wearables, webcams, industrial machine vision and healthcare. poLight has more than 160 granted patents and operates internationally, with its headquarters in Tønsberg and teams across multiple countries.

At poLight, Electrical and Systems Engineering sits within a highly multidisciplinary technology environment involving **optics, MEMS, electronics, software, mechanics and imaging**.

The Opportunity

poLight is looking for a **Systems / Electrical Engineer** to join its engineering and R&D organisation in Tønsberg.

This is a hands-on engineering position for someone who enjoys understanding how complex systems work as a whole — and then getting into the detail required to make them perform.

You will contribute to the development, integration and optimisation of products and systems across the poLight organisation, working closely with colleagues in electrical engineering, software, mechanical engineering, optics, R&D, manufacturing, suppliers and customers.

Your work could include:

- System-level development of complex imaging products
- Electrical engineering and hardware development
- Camera module and imaging-system development
- PCB and schematic design
- Supporting rapid prototyping and product development
- Hardware/software integration
- Electrical testing, troubleshooting and optimisation
- EMI/ESD considerations

- Working with suppliers and subcontractors
- Supporting products from R&D through to customer and mass-production activities
- Technical documentation and engineering specifications
- Working directly with multidisciplinary engineering teams and, where appropriate, customers

What We're Looking For

We're interested in engineers who have a strong technical foundation and a genuine interest in complex systems.

You are likely to have:

- A Master's degree in Electrical Engineering, Electronics Engineering, Systems Engineering or a related discipline
- Experience designing or developing complex electronic or technical systems
- Experience working at system level, rather than solely within a narrow engineering discipline
- Practical experience with hardware development, PCB design and/or schematics
- Experience with prototyping and product development
- Experience working with suppliers, subcontractors or manufacturing partners
- Strong analytical and experimental problem-solving skills
- A practical, hands-on approach to engineering and troubleshooting
- The ability to work effectively in a multidisciplinary technical environment
- Strong communication and documentation skills
- Excellent English, both written and spoken

Experience with **camera modules, imaging systems, mobile phones, handheld devices, projection displays or other consumer electronics** would be particularly interesting.

Knowledge of **high-voltage or low-power ASIC design** would be advantageous, but is not essential.

Experience with patent writing and filing would also be a plus.

Why poLight?

This is an opportunity to work on technology that is tackling some fascinating challenges in modern imaging.

poLight's tunable-optics technology is designed to deliver extremely fast focus, small size and low power consumption, while avoiding some of the limitations associated with conventional autofocus approaches. The technology is being developed across markets including AR/MR, smartphones, wearables and industrial machine vision.

You will be working alongside specialists in optics, MEMS, polymers, imaging and camera systems — making this an environment where a good engineer can broaden their technical knowledge while contributing to genuinely innovative products.

Relocation to Norway

This opportunity is open to candidates globally.

You can be based anywhere in the world today.

If you have the right engineering background and are interested in relocating, poLight will provide **relocation and visa support** to help you make the move to Norway.

The position is based at poLight's headquarters in **Tønsberg** — a beautiful coastal location where you can combine an international engineering career with an outstanding Scandinavian lifestyle.

If you're looking for more than simply your next engineering job, this could be the opportunity to make a significant professional and personal change.

Interested?

If you're an Electrical or Systems Engineer who wants to work on innovative imaging technology within a genuinely multidisciplinary environment, we'd like to hear from you.

Apply now or contact us to find out more about the opportunity.

poLight is an equal opportunity employer and welcomes applications from suitably qualified candidates internationally.