Job title: Application Software Developer
Position: Full time
Location: Hirsemarken 1, 3520 Farum

Why join us: Are you looking for a job where you will get a central role in shaping the software solutions in a small, agile, and innovative company? NLIR is a small and flexible company with the ambition of growing comprehensively in the present and the upcoming years. We are seeking a Software Developer for a new position to develop application software for our instruments. In this position, you will have a central role in shaping the software solutions in NLIR, which includes both the graphical user interfaces for our customers, algorithms for data processing and analysis, and internal programs for production and R&D.

NLIR offers a high level of independence and a culture where the journey from good ideas to execution is direct and short. We value curiosity and encourage learning through experimentation, even if it means encountering failures along the way.

Job overview and responsibilities: We are looking for a candidate to assume the role of developing the graphical user interface for our products. This interface will be designed to operate on Windows and encompass features like real-time data visualization, basic data analysis, and data export in diverse formats. Additionally, more intricate data analysis and algorithms will be developed and integrated through collaboration with our engineering team. Customized features for individual customers will likely be a part of the work. Depending on the candidate's profile, involvement in coding the hardware interface and helping with internal software solutions are also potential aspects of the role.

Qualifications: The candidate should possess a degree and/or experience in Computer Science, Software Engineering, Electrical Engineering, or a related field. Moreover, the candidate should demonstrate proficiency in some (though not necessarily all) of the following areas:

- Experience in creating user friendly graphical user interfaces and data visualization for Windows – preferable for operation of measurement instruments.
- Experience in implementation of simple data analysis and algorithms.
- Familiarity with our present environments: MATLAB/Python/Rust
- Proficiency with some environment (language and SDK) that is appropriate for Windows GUI development (we are open to suggestions in your main area of expertise).
- Experience in writing libraries to establish communication between Windows and hardware, for example via USB.
- Effective communication skills in English, both written and spoken.
- An enthusiastic approach to customer feedback and making changes accordingly.

Salary: The salary and benefits for this position are negotiable and will be discussed during the hiring process.

How to apply including deadline and contact info: We invite you to apply for this position or ask questions related to the position by contacting hiring coordinator Søren Friis at sf@nlir.com. In your application, please send a short application letter and a CV. If you have completed your degree within the last 2 years, feel free to add your grade sheet.

The deadline for applications is 15/9-2023.

About NLIR: NLIR is a spinout from the Technical University of Denmark and has been working on developing and commercializing a new superior mid-infrared light detection technology since 2017. Our current team consists of five members, and we are now looking to scale up our team with a range of new positions. Our advanced optical technology is developed in-house, and devices are already being shipped to all time zones. The technology has the potential to play a significant role in tomorrow's industry and research facilities around the globe.

At NLIR, we value a hands-on approach and embrace experimentation, even in the face of setbacks. We foster a culture where everyone is encouraged to contribute beyond their immediate roles and lend a hand when needed. Our organization is structured flat, promoting open communication and collaborative decision-making.

The goal of NLIR is to become a leading supplier of the world's fastest and most sensitive mid-infrared measurement equipment.