



*Have you ever considered to continue your career in a fast-growing start-up company, where you will have direct influence on critical decisions and developments?*

*Can you imagine yourself working on commercializing unique quantum photonic technologies in close cooperation with one of the leading research centers in the world?*

*Are you a highly motivated photonic specialist eager to develop cutting-edge quantum technology that may transform quantum computing and quantum communication in the future?*

***- then Sparrow Quantum is the right place for you to work!***

Sparrow Quantum develops and commercialize single-photon sources based on GaAs chips operating at cryogenic conditions. The unique and patented technology is the result of many years of cutting-edge research in the Hy-Q group headed by Peter Lodahl at the renowned Niels Bohr Institute in Copenhagen.

## 3 open positions in photonics engineering

To continue our growth, we have 3 open positions targeting development in areas like:

- 1) Single-Photon system optimization and characterization including automation of complex optical set-ups
- 2) Demonstration of single-photon applications in e.g. quantum communication and sensing
- 3) Single Photon chip design, optimization, processing, and characterization

The preferred applicants will have a Master or PhD in physics, engineering or a related field and will have relevant experience in several of the areas listed below:

1. Hands-on optical lab experience, preferably with lasers and free-space optical alignment.
2. Experience with optical cryostats
3. Python / Matlab programming for automation and data collection
4. Optical waveguide/chip design, simulation and processing
5. Experience in photonic quantum components and systems

More details on the job descriptions are found on our webpage <https://sparrowquantum.com/careers/>. If you have relevant experience and want to be part of the ongoing quantum revolution, please come forward and we can together model a job around your competences and aspirations!

## We offer

- A unique working environment with enthusiastic colleagues in a fast-growing company
- Daily cooperation with world-class researchers at the Niels Bohr institute, where Sparrow is located
- Management focus on securing 'a fun day at work' for all employees
- Salary according to qualifications

## Interested in working at Sparrow?

To apply for a position, send a CV and a motivation for your application to [Jobs@Sparrowquantum.com](mailto:Jobs@Sparrowquantum.com). We process applications when they arrive and the deadline is May 30<sup>th</sup>. If you are interested in further information, you are very welcome to:

- Visit our website <https://sparrowquantum.com/> e.g via the QR code to the right
- Contact our CTO Claus Friis Pedersen on +45 4191 8368.

