

INTERSHIP OPPORTUNITY IN QUANTUM SENSING – SINGLE PHOTON DEVICES

BOSTON – USA

ID Quantique S.A. (IDQ) is a leading provider of optical instrumentation products, most notably single photon detectors and related electronics. The company's innovative photonic solutions are used in both commercial and research applications. Its products include single photon counters for the visible and infrared regions of the electro-magnetic spectrum, short-pulse laser sources, as well QKD platforms for R&D applications.

To support the American customers of our single photon counting instrumentation and help the international development of the Single Photon Systems Division, we are looking for an enthusiastic intern for our Boston office.

The successful candidate will be expected to provide technical and sales support, which includes to:

- Provide customers with accurate and high quality technical information
- Provide first-line technical support to our customers in North and South America
- Participate in the writing and curating of technical documents on selected applications of single photon instrumentation
- Build instrument demonstration and testing setups
- Assist in developing social network channels and other media
- Develop technical instructional videos
- Prepare, fulfill, and follow up on instrumentation orders
- Prepare for and participate in national and international conference exhibitions
- Qualify and follow up on leads
- Manage instrument inventory and arrange instrument loans including shipping and receiving
- Curate information on available single photon instrumentation for technical market analysis

Qualifications:

- Willingness to take initiative
- Undergraduate in physics or engineering in graduating year
- Knowledge of quantum physics or optics
- Excellent English proficiency
- Full time commitment
- Willingness to travel (about 3-5 days per month out-of-state, plus 1-2 days per week locally)
- Authorization to work in the United States

Valuable:

- Spanish or German proficiency
- Background in biomedical or bioanalytical instrumentation
- Facility with hardware and software integration of instrument setups
- Demonstrated business acumen

We offer a 6-month internship in a dynamic, innovative company and leader in the single photon instrumentation market. If you are interested in this opportunity, please send your complete application file (cover letter, curriculum vitae, transcripts, and the names of three references) to internship@idquantique.com by August 7th 2018.