

**ID Quantique (IDQ)** is the world leader in quantum technologies with applications in the field of sensing and security. IDQ is organized in two business units:

In its **Quantum-Safe business unit**, IDQ develops and commercializes cryptographic solutions, designed to protect data for the long-term future against threats such as quantum computing. The company provides quantum-safe network encryption, secure quantum key generation and quantum key distribution solutions, as related services to the financial industry, enterprises and government organizations globally.

In its **Quantum Sensing business unit**, the company develops and commercializes optical instrumentation products.

The company was created in Geneva, Switzerland in 2001, initially operating as a small university spin-off. Since then the company has grown strongly to cover new market verticals and geographies, selling its products worldwide. It now has 80 employees, with offices in CH, UK, USA, and Korea. The team in Korea, based in Bundang is 13 people, with a significant Engineering center. In early 2018, IDQ raised funding from SK Telecom, Korea's largest telecom operator, to further strengthen the company's leadership and international presence. The goal of SK Telecom is to make IDQ its main supplier for security related quantum safe products and solutions.

ID Quantique Seoul office is looking for a :

## Senior Application Engineer

### Key Functions and responsibilities include:

- Provide the link between customers and the Quantum Random Number Generator team
- Test and verify reference system based on our chipset solution
- Troubleshooting a technical issue on a mobile/IoT field certification
- Provide intensive technical support to selected leading customers extending to on-site customizing service according to customer's requirements as necessary
- Work with customers, development and marketing team to do field test and analyze, debug failure/root cause with our chipset solution to provide product

### Desired Profile

- Ability to learn fast, to take on innovative technical concepts and put them in practice
- Interest for the randomness, quantum physics?
- Very good communication skills in technical topics, and ability to maintain good customer relationships
- Fluent English required. Other languages desirable
- Majoring in relevant disciplines (BS or MS degree) such as electronics, embedded system, computer science etc.
- 15+ years of SoC application engineering experience including verification of FPGA or chipset based on strong embedded SW skill such like BSP or device driver software.

- Several on-site customer supporting or design-win product with leading company experience is preferred
- Knowledge of security SoC or experience with CIS related engineering are plus.
- Effective interpersonal and communication skills both verbal and written to documentation results
- Ability to participate to projects and balance priorities for multiple clients/partners with different deadlines

**The position is open immediately.**

Should you be interested by this opportunity, please send a **full application in English** to [HR@idquantique.com](mailto:HR@idquantique.com)

**Reference to be mentioned in the subject of your e-mail : Korea QRNG.**

ID Quantique Ltd is an equal opportunity employer and considers qualified applicants for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, gender identity, age, disability, veteran status, or any other status protected by law.