About Seeqc

At Seeqc, we are developing the world's first digital quantum computing platform. Our unique chips-scale quantum architecture delivers unparalleled scope for commercial scalability. We have partnered with world-class quantum algorithm teams, and visionary enterprise clients to build quantum computers that will herald a new era in computational power.

You will join a team of experienced executives and scientists with a varied background in superconducting digital circuits and quantum technologies. We have established an international presence, headquarters in New York with facilities in London and Naples, creating a truly diverse and unique team atmosphere. You will work with our international teams and partners to build a unique quantum computing platform with integrated superconducting digital circuits, designed to provide solutions for the ground-breaking challenges faced by our customers; from new drug modelling and building longer-lasting battery technologies, to advanced machine learning.

We are offering full-time positions with highly competitive salary and company benefits including equity options. Roles are based in New York, and our international presence means that there will be opportunities to travel.

For more info about Seeqc, head to seeqc.com

About your role

You will work closely with our digital design, quantum design and fabrication teams to perform circuit design including simulation, optimization, layout, verification of superconductor digital and mixed signal circuits. You will take advantage of your proficiency with computer-aided design tools to develop innovative solutions for the novel computational challenges realised in our unique hybrid quantum-classical superconducting quantum processor architecture. You will exploit your experience with analog RF circuit design or high-speed digital circuit design to create advanced classical circuits that can take maximum advantage Seeqc's unique integrated quantum-classical quantum processors.

The experience you'll need

- 5 years full-time experience of integrated circuit design, or an equivalent MSEE or PhD
- Experience with either analog RF circuit design or high-speed digital circuit design is necessary
- Proficiency with computer-aided design tools is required
- Familiarity with Single Flux Quantum (SFQ) logic is desired
- Laboratory experience in evaluation of high-speed circuits is desirable

Our location

You will join our team operating out of our HQ test facility based in Elmsford, NY.

Email your resume with the cover letter to jobs@seeqc.com