SaxonQ
Get Entangled®.

Software Engineer

SaxonQ is an unique deep tech startup company using internationally patented technology to bring room temperature, mobile quantum computers to market. Founded in 2021, our mobile quantum computers are based on NV (nitrogen-vacancy) centers in diamond. Please find further information at www.saxonq.com.

Small. Mobile. Energy Efficient. We bring quantum computing to the desktop.

SaxonQ Headquarters is located in Leipzig, Germany, in the free state of Saxony. Our leaders hail from the University of Leipzig, the cradle of solid-state quantum mechanics founded by Werner Heisenberg and Felix Bloch in 1920's. The team of internationally renowned physicists has researched NV centers in diamond and wide-gap semiconductors for over 20 years and work with patented technology to develop the quantum compute stack. Seed funding has been secured via a group of private investors along with additional research and development funding from top European agencies.

We are looking for a software programmer to work together with our quantum computing software engineers to develop a general operating system and environment for
- bootstrapping the quantum computer
- user interface and graphical representation of its status
- remote access, web access and job queue
- auto-update functionality
- documentation

A top skillset includes:
a. BSc degree in computer science or related field
b. experience with programming languages, e.g., C++, php, python

An over-the-top skillset includes:
a. MSc degree in computer science or related field
b. experience in complex software projects
c. deep knowledge of software concepts
d. experience with hardware such as motion controllers, optics and RF/HF

We offer a full-time position, limited to 3 years with the opportunity to become permanent member of staff thereafter. The office location is Leipzig or Ulm.

join@saxonq.com

SaxonQ is an equal opportunity employer and does not permit or condone any form of discrimination, positive or negative, or otherwise, on the basis of race, caste, national origin, religion, disability, gender, sexual orientation, union membership, political affiliation, or age.