

WANT TO BUILD A QUANTUM COMPUTER?

Vacancy: Embedded Software Engineer

Are you an embedded software engineer intrigued by the possibilities of quantum computing? Read on!

What you'll do

Qblox is looking for a software engineer to help us build a control stack for an industrial-scale quantum computer. These quantum control stacks generate the analog signals needed for the control and readout of quantum bits. Before a high-level and hardware agnostic quantum algorithm can be executed on a quantum processor, it needs to be compiled to a quantum assembly language that is hardware dependent. In your role as software engineer you will build the framework that allows experimentalists to upload execute quantum algorithms on our electronics and software stack. Furthermore, you will help in setting up our CI/CD pipeline. You will work closely with a team of experienced software and hardware engineers. Background knowledge of quantum computing is a nice-to-have but not required. You are required to have multiple years of experience working in a professional R&D environment using:

- C/C++
- Python
- DSP
- CI/CD
- Linux

What we're building

Qblox is a young and fast-growing company with the mission to enable the quantum revolution. We develop next-generation quantum control stacks that can be used to interface with a variety of quantum processors. We are a spin-off from QuTech (a collaboration between Delft University of Technology and TNO) based in Delft, a historical city in The Netherlands located between The Hague and Rotterdam. You will join a small but fast-growing team of highly skilled and motivated engineers. We are shaping the future and have a lot of fun while doing so!

Interested? Contact us: hello@qblox.com
