



## QT development in Windows and Linux

The Systems Engineering Chair, Department of Computer Science, TU-Dresden, is looking for a motivated, disciplined and independent student to support our research. In particular, we are looking for a student familiar with both Linux and Windows, as well as programming in QT, C/C++. You will be paid as a student assistant (studentische Hilfskraft - SHK). The position is available immediately but at first limited to a duration of three months. An extension will be granted based on your performance.

### Your tasks include:

- Development of a secure network client (in QT) and basic server application.
- Implementation and execution of performance measurements.
- Providing a demonstration of functionality in both Windows and Linux.
- Additional tasks may be discussed based on your progress. A long term cooperation as well as supervision of study projects (e.g. master thesis) is possible.

### Your qualifications:

- Experienced in programming with QT in Windows and Linux.
- Knowledge of SSL authentication mechanisms.
- Knowledge of how to work with Linux and Windows.
- Strong capability to work independently.
- Enrolled as a student at the TU-Dresden.

We offer you the opportunity to participate in active research. Your average working hours are 10h per week. A place at the student's laboratory will be available where you can use our equipment. Women are explicitly invited to apply. This also applies to handicapped students.

Please contact [robert.krahn@tu-dresden.de](mailto:robert.krahn@tu-dresden.de) for further information. Include in your e-mail a short motivational statement (one paragraph) and attach your CV either in German or in English. Also provide details regarding your qualifications. If you have a bitbucket/github account with publicly available code, please include the URL in your application.