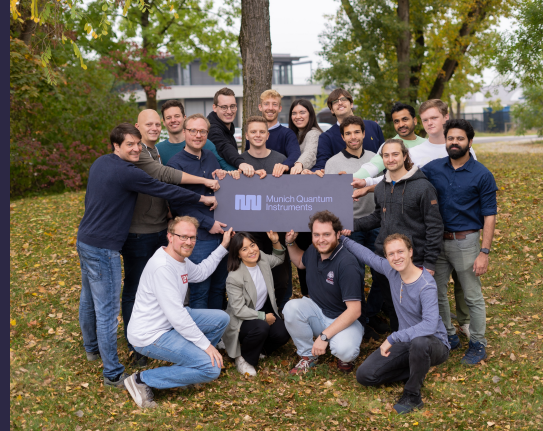


# Open position: Software Developer (f/m/d)

## IDP, Location: Garching



### SHAPING THE QUANTUM REVOLUTION

At Munich Quantum Instruments, we develop scalable photonic quantum sensors that can be applied in breakthrough discoveries and disruptive applications such as optical quantum computers, quantum sensing, deep space optical communication, and quantum communication. Our mission is to make quantum phenomena accessible on an industrial scale, enabling everyone to benefit from the upcoming quantum revolution. We believe that quantum technologies are truly disruptive and will enable novel applications, much like how the internet revolutionized our daily lives. Join us in improving our technology to the needs of tomorrow's quantum applications already today!

### OUR OFFER

You will benefit from:

- Being part of an exciting deep tech startup, where your work matters
- Shaping the upcoming quantum revolution by optimizing our innovative products
- Hands-on experience in a real Quantum startup
- Mutual respect and a shared mission
- Dynamic & highly motivated team
- Taking on full responsibility from the first day
- An environment where you can grow and develop your skills
- Direct support and agile working conditions, which values good work
- Additional bonus payments based on successful project completions
- Great team spirit & team events

### YOUR MISSION

As a master's student at MQI, your mission is to advance the development of cutting-edge quantum sensors. To control these sensors, special software (SW) is required that needs to run fast and reliably. To improve our software, we offer an interdisciplinary project focused on the optimization and management of Continuous Integration / Testing / Deployment (CI/CT/CD) practices within our software team. You will enhance our current CI/CD pipeline to improve our software efficiency & reliability. In your IDP, you will develop:

- CD: automated deployment processes using GitHub actions
- CT: unit tests to validate code quality & performance
- CI: integration tests for docker containers to ensure seamless interaction between different software components
- Perform acceptance tests for hardware & SW components

### YOUR PROFILE

You are experienced with ..

- docker containers and CI/CD practices
- writing/managing integration tests using GitHub actions
- automatic deployment and version control using GitHub

You are

- A TUM master's student in Computer Science
- An independent & agile mind with a lot of self-initiative
- An excellent worker eager to learn & willing to go the 'extra' mile
- Highly motivated and able to approach tasks proactively
- Fluent in English, German is a plus

Previous experience is beneficial but secondary to your motivation and commitment to our fascinating projects.

Apply to: [career@munich-quantum-instruments.com](mailto:career@munich-quantum-instruments.com)