

Cycle GmbH develops, manufactures and markets femtosecond synchronization systems based on fiber optic technology and ultrashort pulse lasers. Our company is a young high-tech start-up and spin-off of the Deutsches Elektronen-Synchrotron (DESY) in Hamburg, Germany. To strengthen our team in Hamburg, we are looking for an

## Embedded Software Developer (m/w/d)

### Your tasks:

- Development of user applications for embedded systems
- Design, implementation, testing and support of a distributed SCADA system
- Development of embedded Linux kernel drivers
- Connection of standardized interfaces (I2C, RS232, Ethernet)
- Configure and manage Linux servers
- Cooperation with development engineers of various disciplines

### Your profile:

- Study of technical computer science, engineering, physics or similar qualification
- Experience with embedded Linux
- Experience in C, Bash, Python and object-oriented C++
- Spoken and written German and/or English
- Independent and structured working method as well as organizational skills, communication skills, confident appearance and sense of responsibility
- Enthusiasm and team spirit

### Preferable Skills:

- Experience/Knowledge in Device Tree, U-Boot, TFTP, NFS, fastboot and/or other common interfaces (e.g. I2C, RS232, USB, Ethernet)
- Experience/Knowledge in the automation of build environments (e.g. Yocto Project, Open Embedded, Jenkins)
- Experience/Knowledge in SCADA systems (e.g. EPICS, Tango)
- Experience/Knowledge in GUI development with QtCreator and SQL database desirable

### We offer:

- Varied and challenging tasks, with scope for personal development
- Work in an innovative, international environment
- Flat hierarchies and short decision paths
- Flexible working hours with opportunities for further education
- We also offer an attractive compensation package with possibility to be rewarded based on company and individual performances in the future

Do you find working in a high-tech start-up, at the leading edge of research and development, with a team of motivated engineers and scientists exciting? If yes, please send your CV and application by email, stating your salary expectations and earliest possible start date, to Mrs. Petra Kärtner at [office@cyclelasers.com](mailto:office@cyclelasers.com).

[www.cyclelasers.com](http://www.cyclelasers.com)