



Join our Team!

duagon, headquartered in Switzerland, is a fast-growing global technology company specializing in embedded electronic hardware, software, and services for system-critical applications in the rail and medical market. Our innovative products in network communication, computing, and subsystem control are designed to the highest standards of safety and reliability, helping our customers accelerate their technology roadmaps and achieve optimal cost of ownership.

At our site in Dietikon, the focus is on research and development of all aspects of communication and control of trains and other means of transport.

For our head office in Dietikon we are looking for:

Real-Time Ethernet Software Engineer (f/m/d)

Responsibilities:

- Hardware-related software development for embedded systems in the area of Real-Time Ethernet communication
- Development and maintenance of (Real-Time) Ethernet communication protocols on modern platforms
- Enhancement of software products in the field of railway vehicles
- Improvement of the automated build and test environments
- Participation and responsibility throughout the entire software life cycle including specification, design, implementation, testing and maintenance
- Support in the integration of duagon Real-Time Ethernet products into their respective solution

Your profile:

- Profound knowledge in Ethernet communication
- Programming experience on various hardware platforms in C and C++
- Familiarity with communication protocols at the stack level, ideally with one or more of these: TRDP, PROFINET, EtherNet/IP (CIP), IPTCom
- Independent work as well as troubleshooting and error analysis are an essential part of your practical professional experience
- Experience in Python programming and FPGA design with VHDL/Verilog are desirable but not required
- Familiarity with Ethernet technologies such as MRP, HSR, SNMP, VLAN, ARP, etc. are a plus
- Experience with cyber security is a further advantage
- Studies of computer science, electrical engineering, communications engineering, physics, or another engineering or scientific discipline (ETH/UNI/FH)
- Good communication skills in English, German is a plus

We offer:

- A highly interesting growth and development perspective in the market of embedded systems for railway technology.
- A challenging and varied job with a lot of freedom and practical tasks.
- An innovative freedom to develop solutions and implement them independently or in small teams.
- A pleasant working environment and a team-oriented working culture.
- Flexible working hours.

Interested? Please send your complete dossier in pdf to Applications-DTK@duagon.com with your salary expectations.