



C++ DEVELOPMENT ENGINEER

Contract type Permanent position, 80-100%

Location Sion, Switzerland. On site

Starting date As soon as possible

ABOUT US

Imperix is a leading provider of control and prototyping solutions for power electronics. Founded in 2013 as a spin-off from the Swiss Federal Institute of Technology (EPFL), the company provides a comprehensive ecosystem of high-performance programmable controllers, modular power stages, and intuitive monitoring software.

By offering seamless, native integration with industry standards such as Simulink and PLECS, imperix empowers top-tier academic researchers and industrial R&D teams to accelerate their time-to-market or time-to-publication by enabling a rapid transition from numerical simulation to physical implementation.–

JOB DESCRIPTION

As a development engineer, you will be given the ownership of about 2-3 epics / feature developments per year, which you will have to lead from the initial definition of the technical solution to the commercial promotion of the implemented result. For that, you will collaborate with the epic / feature director, who will provide you with application level requirements and guidance. During your work, you will actively collaborate with other software development engineers, firmware engineers, and power electronics engineers. Sometimes, you will also actively exchange with customers, typically during larger projects.

RESPONSIBILITIES AND MAIN DUTIES

Work as a project owner for 2-3 features / epics per year. Doing that, you will be asked to:

- Collaborate with the director to identify the technical solution (software architecture, implementation approach, user interface, etc.).
- Schedule your own activities (and those of your colleague if they are involved).
- Execute the software development and testing.
- Produce both internal and user-oriented documentation.

- Contribute to the promotion of the result (usage examples, marketing material, etc.).
- Punctually interact with customers to collect feedback or during projects.
- Provide assistance to customers, primarily about the functions you developed yourself.

REQUIREMENTS AND QUALIFICATIONS

Hard requirements

- BSc or MSc diploma in computer science or electrical engineering
- Demonstrable prior experience in C++
- Fluency in English (oral and written)

Desired additional skills

- Prior experience with Qt
- Prior experience as part of a development team in a professional context
- Some familiarity with power electronics
- Basic knowledge of French

THIS POSITION WILL SUIT YOU IF

- You appreciate a young and friendly environment that is also rigorous and demanding.
- You are interested in a role that isn't just about coding, but rather focused on leading projects from start to finish, with some project management responsibilities.
- You are capable of putting yourself in the shoes of a typical customer, i.e. an industrial or academic researcher in power electronics. You are interested in bringing such a perspective to about everything you do.
- You are self-motivated and capable of working both individually and as part of a team.

HOW TO APPLY

Please send a complete application to jobs@imperix.ch, including:

- Your CV,
- Substantial evidence that you meet the above-mentioned hard requirements,
- A personalized cover letter, through which we can see that you have understood who we are, where we are located, what we do, and what our software does. Please also indicate what you imagine that you could bring to the team,
- Proof that you already have a working permit in Switzerland or that you're entitled to get one,
- Any reference letter or recommendations supporting your application,
- Information about prior developments, with links to the source code, is also appreciated.

We read every application carefully and reply within 10 days to profiles that interest us. We correspond only with applicants who provide a complete application as described above. Generic or obviously machine-generated letters will not be considered.