

# **PERFORMANCE CONSULTANT SA**

Conseil en ressources humaines

## **Embedded Software Engineer H/F**

### **Our client:**

An important industrial actor based in Geneva.

### **Role & Responsibilities:**

- Developing embedded software for the client equipment, focusing on embedded software for controlled power converters (Rectifiers for traction power and inverters for energy recovery).
- This position is part of our embedded software engineering team which drive the core architectures of substation protection and control software.
- Working on all phases of a software development process including feasibility studies, simulations, implementation/coding and testing as well as documentation.
- Assure proper documentation of technical data is generated for the assigned projects and/or tasks consistent with engineering policies and procedures.
- Work with Systems Engineers on the implementation and verification of Systems Requirements.
- Work with Systems and Power Engineers for multi field debugging situation.

### **Profile:**

- Master's degree in Software Engineering
- Minimum 5 years of experience in designing, implementing, verification and debug of Real-Time Embedded systems, DSPs (PWM, Motor-control), ARM processors , FPGAs and modern SOCs associated software and firmware development
- Experience of C/C++ Programming Language and VHDL or Verilog
- Experience on tooling (python, shell, svelte, typescript) to ease your everyday developers life
- Experience in embedded software for power converters is an advantage
- Experience using Xilinx's Zynq SOCs family is an advantage
- English mandatory, French preferred
- A positive attitude, initiative, pro-activeness and an enthusiasm and passion for software engineering
- Team member. Good communication skills with peers and management

**Contract type: Permanent**

**Rate of activity: 100%**

**Starting date: ASAP**

**We guarantee you to handle your application in total confidentiality**

Consultant responsable du mandat : Nathalie Roche  
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