



Are you looking for a new challenge?

Sécheron is a recognized market leader in Traction Power Solutions for railway. In support of the global growth of our substation business we are seeking an

EMBEDDED SOFTWARE ENGINEER

Role Summary/Purpose:

As an Embedded Software Engineer you will be responsible for the design and development of real-time embedded software. You will demonstrate independence and sound technical judgment identify problems and formulate solutions. You will take an innovative approach to problem-solving and share technical knowledge with others in the group, team and across the organization

Your mission:

- Developing embedded software for Secheron equipment, focusing on control software for grid connected converters and control and protection relay
- 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 Hardware Engineers on debugging of problems

Your profile:

- Master's degree in Software Engineering
- Minimum 3 years of experience in designing, implementing, verification and debug of Real-Time Embedded systems, DSPs (PWM, Motor-control), ARM processors and FPGAs and associated software and firmware development
- Experienced in software design lifecycle and SIL Safety Integrity Level Standards or related safety critical environment
- Experience of C/C++ Programming Language and VHDL or Verilog
- Experience in software for grid connected converters or traction applications is an advantage
- Experience of Timing Analysis, including worst case
- Proficiency skills (at least two in this list): Texas Instrument Code Composer Studio IDE, Jenkins, GIT, Linux environment development, Automated test (Unit and integration), Build Flow scripting and automation, Version identification and test, Pair Review
- Skills in TCP/IP communication protocol
- English mandatory, French preferred
- A positive attitude, initiative, pro-activeness and an enthusiasm and passion for software engineering
- Good problem solving and solution building skills

Your success in our globally operating company will be supported by an ambitious international team, excellent working conditions as well as a competitive compensation and benefits package.

Are you attracted by this opportunity? Please send your application to:

Sécheron SA

HR department

Rue du Pré-Bouvier 25 - 1242 Satigny - Geneva - Switzerland

hr.geneva@secheron.com - www.secheron.com

00 41 22 739 41 11

Let your talent join our
ambitions to shape our
common future !