Open position: Electronic and Software Engineer

Date: 2023.11.13

Title
Electronic and Software Engineer / Ingénieur en Électronique et Informatique

Company
AESA Cortaillod is an international high-tech SME located in Switzerland, canton of Neuchatel, with offices in Germany and China. We develop and produce automatic test equipment (ATE) and solutions for the electrical cable industry, addressing multiple market segments, including telecom, energy, automotive, etc. In parallel, we supply quality integrated software towards yield improvement. Established more than 40 years ago, we pride ourselves on constant innovation and high quality-performance services to enhance our products and customer experiences. Exports account for 95% of our sales.

To further strengthen our Operations Department, we are looking for a young and motivated **Electronic and Software Engineer** to provide customer service and co-develop embedded systems and solutions towards test and measurement of electrical cable characteristics. This person will mainly be in charge of optimizing and further developing of our METIS software, as well as supporting customers on related requests.

Office Location
AESA SA, 2012 Bevaix

Responsibilities / Duties
- Optimize software & firmware solutions for the automated test equipment
- Adapt software & firmware solutions to support customers 'requests
- Participate in the improvement/development of test equipment in close collaboration with R&D
- Analyze and debug electronic systems (analogic and digital)
- Design web API and interfaces towards integration of multiple systems
- Write technical documentation and application notes
- Participate in the configuration and test of the equipment
- Involve in Quality improvement activities

Qualifications / Skills

Languages: English: very good spoken and written
French: recommended

Education: MSc or BS in Electrical Engineering or equivalent (EPF or HES)

Experiences:
- 2-4 years development experience in electronics, automation, and SW engineering
- Knowledge of SW programming languages (C Sharp, C/C++, …)
- Experience in script languages / GUI (Python, JSON, …)
- Proficient in electronics, including HW and SW aspects
- Knowledge of RF and signal processing is a plus
- Knowledge of metrology is a plus

Others:
- Proactive and self-motivated person
- Autonomous and team oriented personality
- Inquisitive and curious with strong problem solving skills
- Rigorous and well-organized
- Good communicator

Conditions

Permanent contract with attractive conditions
Starting date: as early as possible

Contact

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