

SYNOVA SA Innovative Laser Systems

“Where others see impossibilities,
we see solutions”



Headquartered in Duillier near Nyon, Synova is the pioneer of a revolutionary hybrid laser processing technology – Laser MicroJet®. Synova provides state-of-the-art high precision material processing in the diamond, watch making, tooling and semiconductor industry as well as for aviation and aerospace manufacturing, medical micro-machining, and diamond toolmaking.

To support Synova’s activities, we are looking for a

Industrial Software Engineer/ Team Leader 80 – 100%

In this position you will:

- Manage the development and optimization of our PLC and CNC
- Improve dynamic and static accuracy of our machine tools
- Develop/Improve PLC projects for our machine tools and future models (Codesys)
- Oversee the CNC settings optimization
- Manage the development and deployment of our HMI
- Manage end life products
- Lead our team of 3 software engineers and external resources
- Write specifications for customized machines and internal projects and ensure that the software required is developed on-time and defect free
- Be the direct interface with other departments
- Correct bugs and continuously improve the base of installed software
- Support Customers and Service Engineers on the field to fix software issues, accuracy issues and connectivity issues
- Develop Graphical User Interface for customized project (WPF)
- Develop/Improve algorithms for Automatic Calibrations, Image Processing, Home Made Sensors, ... (C#)
- Propose the strategic and tactical development plans for our software portfolio
- Write documentation and procedure on the developed software (installed and future software)

For this position, we are looking for candidates with the following profile:

- **At least three years previous experience in Automation development and PLC Programming (CODESYS)**
- **A strong experience in Motion Control (tunning)**
- **Experience in CNC programming / CNC configuration (Bosch Rexroth)**
- Software engineering background with Project oriented programming (C# , WPF a strong asset)

- At least three years previous experience in managing software development teams and projects (agile Methodology, code review and other best practices)
- **Excellent communications skills in French** with good command of English
- Openminded and Innovation focused
- **HES/EPF engineer Master degree in Microtechnic, Mechanic or Electronic**
- CH/Valid work permit (EU)

Do you want to join our fast-growing, innovative, and progressive company? If you feel that you have the qualities to make an effective contribution, please apply now.