

Equustek Solutions Inc.

Job Title: Electronics Design Engineer

Job Category: Engineering

Status: Permanent Employee

City: Burnaby

Equustek Solutions Inc. is a Canadian engineering company that specializes in the design and manufacture of industrial communication equipment used in process control. Our products are used to convert industrial protocols and bridge existing networks.

We are a small company and have been in business since 1988 providing companies all over the world with solutions to their networking applications.

Job Description:

As an Electronics Engineer, your role will be to take part in a wide range of activities involved with engineering projects. You will be primarily responsible for the design of firmware and configuration software for all of our products. In addition to engineering design, you will be responsible for providing technical support to clients who are using our products and to provide solutions for applications that require protocol conversion.

Candidates should possess the following skills and requirements.

Skills:

- Be able to work individually as well as in a team environment.
- A desire to learn new concepts and ideas
- Ability to multitask
- Must be client-oriented
- Program PLC's and HMI software
- Program and test firmware and software using assembly, C, and Visual Basic
- Troubleshoot and debug firmware and software
- Program and interface microcontrollers and interrupt based systems
- Setup, test, and troubleshoot network communication issues

Requirements:

- At a minimum, a bachelor's degree in Electrical, Electronics or Computer Engineering.
- 4 years of experience
- Experience working with and programming PLC's and HMI software. Preferably Allen-Bradley/Rockwell.
- Understanding of industrial networking protocols (DF1, Data Highway Plus, Modbus, Ethernet/IP).
- Knowledge of Ethernet and serial (RS-232, RS-422, RS-485) interfaces.
- Experience programming in Assembly, C, Visual Basic. Web design and programming in HTML an asset.
- Knowledge using Real Time Operating Systems (RTOS's) and programming Ethernet sockets.
- Familiar with the use of electrical test equipment (oscilloscopes, network analyzers, logic analyzers).
- Competency in technical communication (verbal and written).
- Create user manuals and other product documentation.
- Provide technical support to clients and assist with application related questions.
- Member of APEGBC or the ability to become one.

If you have the skills and requirements above, we would like to hear from you. Please send an email with your resume to info@equustek.com.