



Summa Engineering Limited

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J O B S P E C I F I C A T I O N

Position Title: PLC/SCADA System Programming Specialist
Reports to: Senior Software Developer Engineer

Purpose of Position:

Summa Engineering Limited (SUMMA) is looking for innovative and productive critical thinkers to join our SCADA Technical Group to develop innovative solutions and applications in process automation.

Duties & Responsibilities:

- Responsible for applications software development of PLC and SCADA systems.
- Preparing SCADA/PLC programming support documentation such as process control narratives, user and training manuals.
- Preparation of software test documentation (FAT and SAT)
- Perform system demonstrations, testing, commissioning, and troubleshooting.

Requirements:

- Excellent interpersonal, oral and written communication skills
- In-depth knowledge of at least one of the following HMI software: Ignition, iFIX, InTouch, RSVIEW SCADA software packages.
- In-depth knowledge of PLC/PAC programming for Allen-Bradley and GE process controllers
- Working knowledge with interfacing real-time database applications (SQL Server) to SCADA and PLC control systems
- Working knowledge in SCADA reporting system and software package such as Dream Reporter is an asset
- Proficiency in Microsoft Office Suite.
- Knowledge in water / wastewater processes and instrumentation is an asset
- Knowledge in Microsoft Network, ProfiBus Network, ControlLogix, Modbus or similar industry communication standard protocol is an asset.
- Require a valid driver's license and have access to a personal vehicle.

Qualifications:

- Possession of a degree in either of the following areas is recommended, Electrical Engineering, or a completed four year science program with work-related experience in process automation control
- 3 – 5 years' experience preferable

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