

Vadim Shelgachev

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Portfolio: <https://shelvadim.github.io/bootstrapsite>

Objective

Obtain a position where I can use my skills and creativity to contribute to the growth of the organization.

Highlights of qualifications

- Innovative, organized, punctual, analytical mind, effective analytical and problem-solving skills, detail-oriented with ability to multitask and collaborate on several projects concurrently

Education

BSc in Electromechanical Engineering, Novosibirsk State Academy of Water Transport, Russia
IQAS Alberta assessed.

Technical Skills

- C#.Net, SQL, VBA MS Excel, Javascript, Node.js, React, ReactVR, HTML/CSS, Git, Python, Bootstrap.

Work experience

Automation Specialist

QCA Systems Delta, BC

September 2019 – April 2020

- Designed and configuring HMI/SCADA systems using Python 2.7 (Ignition SCADA)
- Developed scheduled MSSQL Server stored procedures to generate daily reports.
- Developed Simple GUI Python application to request data from SQL database and save it in Excel file.
- Designed control system's technical specifications and drawings such as: layouts, schematics, wiring diagrams, PLC panel and control panel layouts, I/O schematics, equipment specifications

Temporary Contract

Kruger Products L.P. New Westminster, BC

2018 – 2019

- Programmed and developed Excel spreadsheets for automated production data reconciliation to SAP, which significantly improved accounting processes and eliminated human error from the Paper Mill and Converting Operations' manual data entries (VBA MS Excel)
- Developed interface in Allen Bradley PLCs for Modbus communication with newly installed Atlas Copco Air Compressors
- Tested and verified Control System Isolating Devices (CSIDs) for the newly installed paper converting line as part of an electrical safety lockout procedures development project

Automation Engineer

Sepro Mineral Systems Corp. Langley

2016-2018

- Designing and programming PLC, Human-Machine Interface (HMI) systems
- Validating and testing products
- Designed control system's technical specifications and drawings

Product Test Engineer

Stream Services (A division of PHX Energy Services Corp.) Calgary

2014- 2015

- Developed simulation software used MS Visual Studio using C# (reading settings from Excel file, send simulated data via OPC server to MSSQL database) to test Electronic Drilling Recorder and Auto Driller - proprietary software
- Validated and tested products of combined hardware and software systems with an emphasis on automation and documentation of test results.
- Developed testing software and hardware for rig simulation, PLC, HMI

Certification and training

- Certificate KLINKMAN company. Course WonderWare InTouch 8.0 (basic), Industrial SQL 8.0 and ActiveFactory 8.0 (basic).