

Quentin D. Leitz

Danbury, CT 06810 – (203)617-9959 – quentindleitz@gmail.com

Objective

Seeking an engineering role where diverse experience at a recognized control systems integrator will add value.

Education

Rensselaer Polytechnic Institute (RPI), Troy, NY Aug. 2013 – May 2017
Bachelor of Science, Chemical Engineering, Master of Business Administration, General Psychology Minor
Undergraduate GPA: 3.91, Graduate GPA: 4.00, Dean's Honor List (all semesters), Rensselaer Medalist

Work Experience

Applied Control Engineering, Inc. (ACE), Danbury, CT, Engineer Jul. 2017 – Present

- Configured a diverse array of both SCADA and DCS systems which are now installed on customer sites.
- Engineered tools in Microsoft Excel VBA for improving programming quality of life and streamlining projects.

Rensselaer Polytechnic Institute, Troy, NY, Graduate Research Assistant May 2015 – May 2017

- Co-authored one publication in Nucleic Acids Research and one in Microbial Cell Factories.
- Developed a script in MATLAB for automating the design of engineered plasmids for transformation into E. coli.

Relevant Control System Projects

FactoryTalk AssetCentre Installations, Northfield, MA Nov. 2018 – Dec. 2018

- Configured and installed three dedicated FactoryTalk AssetCentre servers for backing up customer programs.
- Introduced the equipment to local controls personnel and fielded questions regarding server use.

Test Applications for Controller Revision Management, Northfield, MA Aug. 2018 – Sep. 2018

- Programmed a Rockwell CompactLogix, MicroLogix, and GE 90-30 Series PLC for safely testing PLC changes pre-production.
- Produced custom batch files for execution from the HMI, which read software information from remote computers.

RSLogix 5 to Studio 5000 Migration, Valhalla, NY Jun. 2018 – Jul. 2018

- Analyzed a PLC-5 program to determine which code needed to stay and which needed to be migrated to a remote rack.
- Converted the program from PLC-5 to Studio 5000 using the Rockwell Project Migrator Tool.

Honeywell DCS for a Green Chemistry Manufacturing Plant, Norwalk, CT May 2018 – Aug. 2018

- Generated a series of sequential control modules in Experion LX for automating various production recipes.
- Customized graphical symbols for representing sequence control and alarm management at the operator interface.

SCADA HMIs for a Steam Boiler Balance of Plant System, Bethesda, MD Dec. 2017 – Apr. 2018

- Spearheaded development of a dual-screen human machine interface application using Wonderware InTouch version 11.
- Mentored a new engineer while working jointly to create a FactoryTalk View Machine Edition app for local device control.

Soft Skills

Onsite Support Experience

- Provided extended standby technical support at a customer site without internal controls personnel.
- Coordinated hardware and software updates with customers, keeping them informed of any system changes taking place.

Presentation Experience

- Organized an array of presentations and simulations for training new engineers at a long-time ACE customer.
- Represented ACE during the Factory Acceptance Test of a months-long project to build a SCADA system.

Technical Skills

- | | | | |
|----------------|------------------------|-----------------------|--------------------|
| • Studio 5000 | • RSLinx Classic | • InTouch HMI | • Excel VBA Macros |
| • RSLogix 5000 | • PLC Project Migrator | • APACS Process Suite | • Experion LX |
| • RSLogix 500 | • FactoryTalk View ME | • SQL Server | • DreamReports |
| • RSLogix 5 | • FT AssetCentre | • Python Programming | • MS Office Suite |