Timothy A. Clemans Email: clemansta@gmail.com Cell: 303-809-4631
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I am a computationally minded hands-on, mechanically and technically oriented person looking for a position that will give me room to grow. I have experience working in the instrumentation and controls for oil and gas, chemical manufacturing/ refining and regulatory industries. I am an analytical problem solver who enjoys a challenge to test my varied skill set learned through a diverse working history, and supported by bachelor's degrees in electronics engineering, analytical chemistry and structural geology.

Education

DeVry University, Greenwood Village, Colorado 2013
- Bachelors of Science, Electronics Engineering and Technology
  Specialization in sensors and control systems

Adams State University, Alamosa, Colorado 2002
- Bachelors of Science, Chemistry with specialization in analytical instrumentation methods
- Bachelors of Arts, Geology with specialization in environmental geochemistry and structures

Professional Experience

Control System Engineer: Current Title: Senior Control System Engineer 10 years

I am familiar with many forms and versions of SCADA systems and PLC/DCS Controllers. Performing from scratch programming, design build, Instrumentation and troubleshooting operations. I have performed several site commissioning's and associated documentation trails. These included, but are not limited to controls narratives, AutoCAD drawings, operational matrix, panel layouts, FAT's and SAT's.

I have programmed these controllers from scratch:

Allen Bradly: Control Logix, CompactLogix, and Micrologix	8 years
ABB: TotalFlow and 800xA	3 years
Siemens: S7	2 years
OPTO22: SCADA Pack and Epic Groove	3 years

I have programmed these SCADA systems from scratch:

Inductive Automation Ignition	8 years
Rockwell FactoryTalkStudio SE and ME and Studio 5000	8 years
Schneider Electrics PME and PSO	2 years
Siemens: S7	2 years

Applications Engineer: Last Title: Staff Applications Engineer 4 years

I have created several programs that utilize modern programming languages including C++, Java, Python and JavaScript. Several of these programs have gone to the specialized markets they were designed for and had considerable success. Most of these programs have been designed for single board and IIOT devices for operations in the field. These systems were created utilizing LAN/WAN, radio and cell communications for email and SMS alarming and system control.

Please see my sites below for more information:

LinkedIn: www.linkedin.com/in/timothy-a-clemans
Personal site: https://clemansta.github.io/Portfolio_Site/