

## **LSCPA Curriculum Vitae**

Troy McGee

### **EDUCATIONAL BACKGROUND**

1. Bachelor of Science, University of Phoenix, May 2016, Software Engineering

### **POSITIONS IN HIGHER EDUCATION**

1. 2021, Adjunct Instructor, Lamar State College Port Arthur  
Instructs students in the Instrumentation program

### **ADDITIONAL RELATED EXPERIENCE**

1. 2011-Present, Automation Technology Team Leader, Motiva Enterprises, Team lead for project implementation and run and maintain process control systems. Responsible for the run and maintenance operation of the process control systems and third-party interfaces. Involved in projects for technical guidance and support. Oversight of all automation and instrumentation standards/technology. Responsible for the technical assurance organization for capital project implementation. Prior positions include Automation Systems team leader, Automation Systems specialist and logistics instrument inspector and engineer.
2. 2007-2011, Project Manager/Control Systems Manager, Englobal Automation Involved in all aspects of project management within the Automation division from hiring of personnel, scheduling and budget management. Continue to provide technical assistance involving design of control systems, site surveys, engineering estimates and customer support. Involved in DCS and PLC configuration applications for the Refining, Petrochemical, and Pipeline industries. Knowledge in multiple control platforms as well as many I/O and Business technologies.
3. 1999-2007, Control Systems Manager/Controls Specialist, Scallon Controls, Principle project manager for all PLC/DCS projects. Over site of approximately 15 design and controls personnel. Developed schedules, estimates, scheduled resources, designed, configured and implemented control systems. These included DCS (Provox, Delta V, Foxboro) and PLC (Allen Bradley, GE, Modicon, and others). Implemented multiple DCS upgrades/conversions. Many of these were hot-cutover applications, Designed and installed pneumatic to Fieldbus applications and ASI bus applications. Multiple projects in the refining, petrochemical, pulp and paper, and pipeline industries. Responsible for new business development and continued relations.
4. 1992-1999, Control Systems Specialist/Project Manager, Petrocon Systems,

Developed schedules, estimates, scheduled resources, designed, configured and implemented control systems. These included DCS (Provox, Delta V, Foxboro, Bailey Infi-90) and PLC (Allen Bradley, GE, Modicon, and others). Implemented multiple MMI platforms (Wonderware, Intellution/RSView/Factorylink). Designed and implemented RIE's analyzer systems, operator shelters, and various other types of packaged structures.

## **PROFESSIONAL AFFILIATIONS**

## **PROFESSIONAL DEVELOPMENT**

1. 2019, Emerson- Provox and DeltaV
2. 2019, Siemens- S Series PLC's
3. 2019, GE-Series Six, 90-30, 90-70, various additional controllers, software platforms
4. 2019, Schneider Electric (Modicon)- All the PLC models from the old 884/584, 984-X80 series, Quantum, Modbus and Modbus Plus protocols and devices
5. 2018, Rockwell Automation- PLC2/PLC3/PLC5, Control Logix, Micro Logix, Compac Logix, SLC Controllers, Devicenet, Drives, RS View, and many additional devices and software.
6. 2018, Invensys-Triconex
7. 2018, Emerson – Provox and DeltaV
8. 2017, Foxboro-I/A
9. 2017, Multiple Protocol Interfaces
10. 2016, OPC connectivity to Aspen, PI, Matrikon and other applications
11. 2016, Honeywell- 2000/3000/Experion
12. 2016, Various Rockwell/GE/Schneider Electric/Foxboro training courses
13. 2016, Triconex Implementation Training
14. 2016, Honeywell TPS Training

15. 2016, Certified Emerson DeltaV Batch/Continuous Controls Configuration  
Emerson Fieldbus Design and Implementation

**LSCPA CAMPUS EXPERIENCE (leave blank if new to LSCPA)**