

Phillip Crandall

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Technical Skills

Programming: C, Go, Python, JavaScript, VB, Bash, SQL, React
PLC Programming: Ladder Logic, Function Block, STL, SCL, Structured Text
Industrial Automation: Siemens Step-7, Siemens TIA Portal, WinCC, RS Logix 500, RS Logix 5000
Operating Systems / Software: Windows, MAC OS, Linux, VMware Workstation, Hyper-V, Git
Web: <https://pcrandall.github.io> | <https://github.com/pcrandall>

Work Experience

Red Star Yeast

Cedar Rapids, IA

SENIOR CONTROLS ENGINEER

SEPTEMBER 2021 - CURRENT

Lead MES deployment and development. Responsible for WMS management and troubleshooting. Maintained OT servers (Linux and Windows Server 2012-2019). Created Automation group Wiki for group SOP and troubleshooting. Mentored Junior controls engineers.

SSI Schaefer

Clarksville, TN

CONTROLS ENGINEER

APRIL 2019 - SEPTEMBER 2021

Provided technical support for material handling equipment in an automated distribution center. Programmed, troubleshot, and repaired PLC controlled systems. Developed multiple CLI and GUI tools to aid in troubleshooting communications between MFS (material flow system) and sub-ordinate PLCs. Aided Software Support Engineers with Root Cause Analysis of system issues.

Akebono Brake Corporation

Clarksville, TN

CONTROLS TECHNICIAN

AUGUST 2015 – APRIL 2019

Responsible for maintaining, improving, and modifying existing automation systems, as well as providing technical support to production and maintenance personnel plant wide.

Akebono Brake Corporation

Clarksville, TN

CONTROLS CO-OP

JUNE 2015 – AUGUST 2015

Responsible for assisting Controls Engineering group with project documentation, materials requisition, and setup, as well as wiring control cabinets.

Education and Certificates

Austin Peay State University

Associate of Science - May 2017

Northwest High School

High School Diploma - May 2004

Accelebrate

SQL Certification - June 2022