Nicholas J. Snyder

EDUCATION

University of Southern Indiana
Evansville, IN
Major: Engineering (Emphasis on Electrical)
Graduated: May 2016
Current GPA: 3.55/4.0

Ivy Tech Community College
Evansville, IN
Major: Pre-Engineering
Graduated: Fall 2014
GPA: 3.8/4.0

Skills

JavaScript
SQL (MSSQL & MySQL)
CSS3
HTML5
Node-Red
Python
IIoT Cloud (Azure & IBM)
Linux OS (Debian)

IA Ignition
PLC Programing
HMI Programming
VFD Programming
Motion Control
Product Sales
AutoCAD/Electrical
Field Service

RELATED WORK EXPERIENCE

Air Hydro Power Inc, Louisville, KY *March 2020 to Present*
Product Specialist
Distribution company that designed and/or sold automation systems and products
Significant Accomplishments:
- Supported sales team with technical expertise in factory automation, by going on sales calls
- Developed software for a IIoT project to send barcode data to Azure
- Charged with supporting Mitsubishi Products and Sales throughout the state of Kentucky
- Troubleshot systems and products to keep the customers lines running efficiently
- Lead monthly meeting with Mitsubishi to update them on target accounts

American Fuji Seal Inc, Louisville, KY *July 2019 to March 2020*
Controls Engineer
Packaging Company which builds machines to apply shrink and pressure sensitive labels to consumer products
Significant Accomplishments:
- Installed new machines usually with a group of at least 2 Field Service Engineers
- Upgraded older machines by replacing obsolete parts with a new system
- Troubleshot Servo Motors, Safety Circuits, VFDs, Program errors, Sensors and Electrical Circuits
- Managed Issue Management by determining if defective components were covered under warranty
- Setup Line Controls for machines, working with conveyor integration engineers
- Created Software using Python3 and wxpython for desktop application to retrieve parameters from a PLC

Kaman Fluid Power, Louisville, KY *May 2017 to July 2019*
Electrical Systems Engineer
Distribution company that designed and/or sold hydraulic motion packages and products
Significant Accomplishments:
- Designed and developed motion control systems for Hydraulic/Electromechanical machinery
- Involved in a IIoT innovative group including engineers, marketing managers, and the V.P. of engineering
- Developed software using Python3 and JavaScript to send data to both Azure and IBM clouds
- Created and revised drawings using AutoCAD Electrical on projects
- Developed Software for Special Projects, including a RESTful Interface and a String Parser
- Implemented SCADA software to log data into SQL databases, including MySQL and MSSQL

- Managed Electro-Mechanical Sales for the entire state of Kentucky
- Performed troubleshooting for systems and products to keep the customers lines running efficiently

Supreme Integrated Technology Inc., Harahan, LA   May 2015 to May 2017
Electrical Controls Engineer
Manufacturing company in the design, fabrication, and testing of hydraulic power systems
Significant Accomplishments:
- Designed and tested Hydraulic motion control systems for the military, oil and gas industry, and the state
- Participated in design meetings time constrained projects
- Performed service on electrical systems for Navy ships and state funded draw bridge
- Researched EMI/RFI, Military Standards and Testing Procedures

Project Associates Inc, Evansville, IN   Nov 2015 to May 2015
Systems Engineering Intern
Engineering firm in the design and programming of automation equipment
Significant Accomplishments:
- Updated drawings and HMI programs for Toyota and Hersey's
- Upgraded a conveyor line in Toyota over factory shutdown