

# Shawn Modersohn

<http://www.shawnmodersohn.com>

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## **Experience**

### **Industrial Electrician**

2018 - 2023

#### **Sierra Pacific Industries**

Shelton, Washington

- Wired circuits, motors, Variable Frequency Drives, and automation controls
- Made repairs during breakdowns, scheduled maintenance, and proactively prevented electrical problems
- Installed computers, cameras, sensors, and associated software for industrial automation
- Learned to use welders, lathes, and other metal fabrication tools to improve electrical infrastructure
- Learned Ladder Logic to make necessary program changes for Programmable Logic Controllers
- Managed many electrical projects to include planning, ordering materials, and execution of work
- Assisted Millwrights in mechanical work for planning, maintenance, and during challenging upset conditions

### **Electrical Apprentice**

2014 - 2018

#### **IBEW Local 46**

Seattle, Washington

- Became familiar with industrial spaces, hazards, and safety protocols such as Lock Out Tag Out
- Learned electrical theory and construction with both classroom and field experience
- Installed new raceways, circuits, and panels in accordance to the National Electric Code
- Gained experience installing low voltage controls for building automation and fire safety systems
- Worked on service calls to quickly diagnose and fix customers' electrical problems
- Became certified on forklifts, scissor lifts, and boom lifts

### **Computer Technician**

2010 - 2014

#### **U.S. Fish and Wildlife Service**

Lacey, Washington

- Resolved technical issues for staff using a ticket based tracking system
- Maintained servers and network equipment using Windows, Linux, and CiscoIOS
- Created a network based imaging server able to deploy desktops at remote office locations
- Worked to migrate physical servers into a virtualization based platform using Microsoft's Hyper-V
- Transferred land line phone systems to VOIP installing hardware, software, and application servers

- Implemented solutions for research staff to enable data interoperability between various organizations

**Network Installation Technician**                      2008 - 2009  
**TechConFed**    JBLM, Washington

- Installed raceways in government buildings for the Secure Internet Protocol Router Network
- Became proficient with construction tools, materials, and installation methods in multi level buildings
- Coordinated with U.S. Army personnel to schedule times that minimize business interruptions
- Required to pass background checks and provide military records to access sensitive areas

**Systems Administrator**                                      2006 - 2008  
**Community Action Inc.**                                      Janesville, Wisconsin

- Managed the servers and network for a small non profit organization with four branch offices
- Configured the main office router to allow for network access to and from remote offices
- Integrated Linux servers into an early Windows environment to provide secure remote file sharing
- Implemented security protocols and encryption methods to protect client PII on laptops
- Reset passwords, added users, and performed other common administrative IT tasks

## **Previous Experience**

- Provided help desk support for small business working as an independent contractor
- Worked as private security for public events, colleges, and large corporations
- Worked in environmental testing installing sensors and other instrumentation for senior technicians
- Worked as a secretary for the Army National Guard in the federal work study program

## **Education**

- Joint Apprenticeship Training Committee - 4 years, Electrical Apprentice
- St. Martin's University - 3 years, Computer Science
- Illinois State University - 4 years, BS, Political Science
- United States Marine Corps - 4 years, Honorable Discharge

## **References**

Available Upon Request