

Erik Thuesen

📍 : 7280 Forest Ridge Circle, Castle Pines CO 80108 📞 : 970.457.7733 ✉ : Enthues@yahoo.com

EDUCATION

Electrician Apprentice – First Year (*Expected Graduation Spring 2021*)

Independent Electrical Contractors Rocky Mountain-Denver, Colorado

B.S. - Electrical Engineering Technology (*Expected Graduation Fall 2019*)

Metropolitan State College of Denver-Denver, Colorado

A.A.S. - Master Technology Automotive and Diesel, 2004 (*Magna cum laude*)

Denver Automotive and Diesel College-Denver, Colorado

WORK EXPERIENCE

Open Range Access-Longmont, CO

Senior Meter Technician/Apprentice Electrician/Network Communications/Natural Gas Chromatography
2012-2016

- Designing and building NEMA boxes for flow meters/tank sensors with power and communication equipment. Installing NEMA boxes, flow meters/tank sensors, all mounting hardware, poles, antennas, solar panels, pressure transducers, temperature senders, and all other required equipment. Routing conduit, pulling cable for communications and power for all required devices, testing, calibration, and verification of equipment communication.
- Diagnosis and repair of power/communication issues on remote site, resolving gas flow/fluid level discrepancies. Performing required calibrations, gas samples, orifice plate changes/inspections, record keeping, and making reports for the Bureau of Land Management per their specifications.
- Designing and building of any equipment to meet buyers specifications/needs. For example; portable communication trailers, portable/removable natural gas chromatograph arrangements to fit required vehicles, basic in vehicle flow meter/tank sensor communication setups, solar panel stands, and harsh condition battery boxes.
- Any and all tasks needed during on the job training for Electrician Apprenticeship.
- Training new associates on all required areas.

CH2M Hill-Englewood, CO

Electrical Design/Drafter

2007-2010

- 2D and 3D modeling including duct banks and cable trays, placing manholes and terminal boxes, drawing equipment for clash detection, conversion of plans in multiple platform settings, general piping details, specialization in power plants, substations
- Design work in placing equipment and duct banks, basic diagrams and wiring, QA/QC to ensure consistency in symbology, completing independent reviews and drafting additional drawings for multiple departments
- Numerous design/drafting projects handled concurrently, projects of various size, duration and complexity, simple-cycle and combined-cycle plants, landfill gas

Sam's Club-Lonetree, CO/Aurora, CO

Tire Technician/Sales Representative

2003-2007

- Tire Assessment/Sales, Tire Mounting, Balance, Rotation, Tire Repair, Battery Assessment/Replacement
- Michelin Associate Development Program Master Tire Specialist, Senior Tire Technician - Trainer

Checker Auto Parts-Englewood, CO

Assistant Store Manager

Sales Associate

2000-2003

- Management duties including inventory control, shipping, sales reports, financial reconciliation, and supervision of multiple employees
- Achievement Award for Customer Service and Sales-2001, Promoted-2001

Courtesy Acura-Littleton, CO

Senior Lot Technician

Lot Technician

1998-2000

- Promoted-1999

TECHNICAL SKILLS

- **Operating Systems:** Windows
- **Programming Languages:** MATLAB; working knowledge of Java programming and Microsoft Visual Basic
- **Software Packages/Models:** AutoCAD 94/97/98/2004/2007/2008/2010/2016 - 2D/3D; Microstation V7/V8/XM; Pro/ENGINEER Wildfire; GSN software including CableMatic Plus and TrayMatic Plus; PDS; MS Office Suite including Access, Excel, Word; Adobe Acrobat; Totalflow, PCCU, WinCCU, WebCCU; Schneider Realflo; GE MDS Toolbox; Netsuite.
- **Master Automotive Technician Training:** Entry-level management including inventory control and shop start-up procedures; computer use/setup including inspection, diagnosis and repair of computerized electrical, fuel delivery and engine control systems; service, diagnosis, repair of hydraulic and air brake systems; transmissions, suspensions, and hydraulic systems on automotive and diesel applications

CERTIFICATIONS, MEMBERSHIPS AND AWARDS

- ASME Member
- Air Brake Certified/Hunter Alignment Certified
- Six-time Academic Achievement Award Winner (A.A.S)
- American Heart Association First Aid CPR AED Certified
- PEC Premier SafeLandUSA Certified

REFERENCES AVAILABLE UPON REQUEST