

Christopher Drake

Layton

Journeyman Electrician

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EXPERIENCE

Dixie Technical College / Full Time Electrical Instructor

February 2025 - Present

During my time at Dixie Technical College as a full time instructor, I have been responsible for everything involved with the electrical apprenticeship program. I have built and taught all of the curriculum for the 8 different semesters, I track student attendance and progress, and manage and stock the hands-on labs.

Crown Cork & Seal/ Electrician/Electronic Technician

October 2023 - February 2025

As a maintenance electrician for Crown, I was responsible for maintaining and improving the electrical components for many different automated systems, reading, troubleshooting, and writing PLC programming, and improving facility electrical systems. This job has given me insight into the daily tasks of manufacturing electrical maintenance crews, and what they need to succeed.

Dixie Technical College / Adjunct Instructor

August 2022 - March 2024

As an adjunct instructor for the college, I was responsible for teaching the second and third year curriculum to students going through the apprenticeship program. The curriculum consisted of multiple different articles of the 2020/2023 NEC and NFPA 70E, most notably dealing with single phase, 3 phase and DC motors, transformers, and overcurrent protection sizing. It also consisted of voltage drop calculations, Ohm's Law equations, and various other topics related to electrical code, theory, and safety.

Snow Electrical / Journeyman Electrician

August 2021 - October 2023

Since getting my Journeyman license, I had the opportunity to be a foreman on jobs, instead of just working on them. I was in charge of running a T.I. for a boxing gym. I was in charge of converting an almost 100,000 square foot warehouse into a fully automated conveyor system. I had also run a crew of almost 30 electricians on a three story medical complex in which I was responsible for everything from the underground utility work, to its generator with three automatic transfer switches, ungrounded systems for the four operating rooms, and VFDs for the boiler system. Being a foreman for these big crews has given me experience in managing big groups of electricians and

SKILLS

- Strong understanding of Rockwell PLC programs including Studio 5000
- Able to quickly learn new systems and technology
- Demonstrated ability with PLC trouble-shooting, interface, and basic programming skill
- Ability to read, interpret and work from blueprints, plans, drawings and specifications.
- Good Technical knowledge of process and equipment maintenance
- Strong knowledge of applicable state and federal codes and regulations pertaining to the electrical trade, including the National Electric Code
- Strong organizing and prioritizing skills
- Ability to manage every aspect of electrical projects from planning, to material ordering and personnel

learning their strengths and talents. I've been responsible for meeting job deadlines, dealing with work orders and managing parts and materials.

management

Dixie Technical College / Lab Assistant

April 2022 - August 2022

As a lab assistant for the electrical apprenticeship program at Dixie Technical College, I had the opportunity to help the students with the different stations in the lab. I showed up before the classes started to set up the lab. Then when the class came into the lab I answered any questions the students had. It gave me some experience with teaching in a class setting.

Certifications

Utah Journeyman Electrician /

License #10244311-5504

August 2021 - Present

Utah Residential Master

Electrician / License

#10244311-5503

August 2025 - Present

Snow Electrical / Apprentice Electrician

November 2016 - August 2021

As an apprentice I worked on a multitude of different projects, each of which gave me unique learning experiences. I had the opportunity to do residential, commercial, and industrial work. I worked on everything from townhomes to schools, warehouses, and conveyor systems. I had experience with many different aspects of the trade. Some of the most notable being; bending conduit, doing concrete tilt panels, working on conveyor control systems, trenching and running pipe underground, and running pipe in a suspended concrete slab.

EDUCATION

Dixie High School / High School Diploma

GPA 3.95

August 2013 - May 2016

Dixie Technical College / Commercial Electrical Program

August 2017 - May 2021