**Kirkwood Community College**, Cedar Rapid, IA Graduated May 2014

A.A.S Energy Production and Distribution Technologies

Dean’s List and Honor's Student Program

**Bellevue University**, online. Graduates May 2024

B.S. Web Development

**WORK EXPERIENCE**

**Distribution Field Designer**

Ulteig Engineers, Cedar Rapids, IA Sept. 2019-present

* Manage own projects from start to finish
* Using Survey GPS equipment collect data on all types of electrical equipment, and stake all jobs for construction.
* Using CAD or ArcGIS to design layouts based on our clients scope of work
* Size transformers, anchors, poles, while keeping compliance with all client, local and national code requirements
* Train and assist new employees
* Demonstrated proficiency in CAD software by teaching myself the program and utilizing it to design layouts that meet clients’ scope of work and comply with all code requirements
* Communicate daily with clients and coworkers on project related tasks
* Familiar with Git version control practices and basic workflows
* Created responsive web layouts using HTML5 and CSS3 techniques, such as flexbox.
* Developed themes and styles using Material-UI's theming system to match design requirements.

**Wind Turbine Technician II**

Nextera Energy, Carlock, IL Oct. 2015-2019

* Conduct maintenance on slip rings, large circuit breakers, gearboxes and generators
* Identified faulty turbines through SCADA while using schematics, GE troubleshooting guides and diagnostic programs
* Installed circuit breakers, power converters, control modules and communication devices
* Complied with all Safety and Lock Out procedures, using PPE while looking out for colleagues using a minute by minute mindset
* Executed switching orders for pad mount transformers, switchgear and circuit breakers
* Monitored site inventory, while guaranteeing SOX compliance and corresponding with remote Business Techs daily
* Mentored new employees ensuring they work safe and productivity
* Acquired work orders daily, completing each task safely as a team in a prompt and efficient manner
* Coordinated Contractor safety training
* Handled approved chemical list and verified SDS was compliant

**Maintenance Mechanic**

McLanahan, Cedar Rapids, IA Oct.2014-June 2015

* Administered preventative maintenance, breakdown maintenance and diagnose machine problems using manuals and schematics
* Detected minor problems on Cranes and Hoists, ½ Ton – 60 Ton; Cables, Chains, Festoon wire, Controls and rewiring to various voltages throughout facility
* Carried out Facility Maintenance, Installing new and updating old conduit runs, pulling wire and terminating connections on most minor electrical components
* Wired Motors on mineral processing machines and CNC machines
* Adhered to all Lock Out-Tag Out Procedures & attended monthly safety meetings
* Routed contractors and ensured tasks were completed in a safe and timely fashion