

Russell Ullrich

ASSISTANT ELECTRICAL ENGINEER

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SUMMARY

Passionate assistant electrical engineer with two years of experience in designing, testing and implementing solutions for complex projects. At XYZ Corp., created cost-effective designs that met the highest standards of safety while being within budget and on schedule. Developed an innovative power distribution system which increased efficiency by 30%. Received commendation from senior management for excellence in problem solving and design implementation.

EMPLOYMENT

Assistant Electrical Engineer at Employer A

San Bernardino | January 2018 to Present

- Utilized troubleshooting skills to diagnose, repair and maintain a range of electrical engineering systems with minimal disruption; reduced downtime by 32%.
- Participated in the installation of new circuit boards, transformers and other equipment for various projects while adhering strictly to safety guidelines.
- Structured long-term maintenance plans for existing electrical engineering systems that included regular testing & inspection processes; improved system reliability by 25%.
- Facilitated multiple on-site visits from clients across different industries to provide technical advice or assess their current requirements; completed all tasks within timeframes set out in contracts.
- Actively monitored power distribution networks and generated detailed reports highlighting any potential risks or areas needing improvement; saved \$2,500 annually through energy efficiency initiatives recommended in these reports.

Assistant Electrical Engineer at Employer B

Chandler | March 2012 to December 2017

- Documented and tracked electrical system design specifications, resulting in a reduction of up to 20% errors throughout the entire process.
- Developed and implemented new strategies for testing and troubleshooting different types of wiring systems; achieved accurate results within shorter timeframes compared to traditional methods.
- Spearheaded an initiative that restructured existing circuitry connections, leading to increased power output by 15%.
- Reorganized the department's framework on safety regulations; reduced incidents from improper handling of hazardous materials by 40%.
- Confidently managed complex projects involving high-voltage electricity with zero defects or delays throughout completion cycle.

EDUCATION

Bachelor of Science in Electrical Engineering at Educational Institution XYZ

November 2011

SKILLS

Electrical Circuit Design

Electrical Wiring

Troubleshooting

Power Distribution Systems

Electrical Safety Standards

Electrical Testing and Inspection

Computer-aided Design (CAD)

National Electrical Code (NEC)

Electrical Maintenance and Repair

CERTIFICATIONS