

RUSSELL ULLRICH

Assistant Electrical Engineer

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.

Contact

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Employment

Employer A | Assistant Electrical Engineer | San Bernardino | 01/2018 - 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.

Employer B | Assistant Electrical Engineer | Chandler | 03/2012 - 12/2017

- 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

Educational Institution XYZ | Bachelor of Science in Electrical Engineering | 11/2011

Skills

Electrical Circuit Design
Power Distribution Systems
Computer-aided Design (CAD)

Electrical Wiring
Electrical Safety Standards
National Electrical Code (NEC)

Troubleshooting
Electrical Testing and Inspection
Electrical Maintenance and Repair

Certifications

Certified Assistant Electrical Engineer | Institute of
Electrical and Electronics Engineers | 05/2017