

# 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  
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