

# Anderson Williams

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## SUMMARY

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Skilled electrical technician with over five years of focused experience maintaining, troubleshooting, and repairing electrical systems in transportation environments. Deeply familiar with tools and machinery relevant to rail vehicle maintenance, utilizing oscilloscopes and multimeters for precise diagnostics. Proven ability to execute reliable repairs while adhering to safety protocols and regulations. Collaborative team member who actively supports peers through mentorship, driving organizational success and continuous improvement initiatives. Ready to contribute expertise in a role that prioritizes quality workmanship and electrical integrity.

## EXPERIENCE

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### Electrical Technician

March 2021 - Present

Innovative Electrical Solutions

Chicago, IL

Energying operational efficiency as an electrical technician specializing in diagnosing and repairing complex electrical systems for buses and rail vehicles. Collaboratively working in a fast-paced environment and providing technical support on various projects.

- Conducted thorough inspections of electrical components, maximizing reliability and compliance.
- Utilized blueprints for precise wiring and rewiring, ensuring quality exceeds industry standards.
- Diagnosed issues within AC and DC motors, providing swift solutions that enhance service dependability.
- Applied protective sealants that increase durability against environmental challenges faced by equipment.
- Leveraged testing tools like oscilloscopes, solving faults efficiently and minimizing downtime.
- Collaborated with diverse teams to streamline processes, facilitating improved workflow execution.

### Electrical Mechanic

January 2018 - February 2021

Dynamic Electrical Services

Schaumburg, IL

Engineered successful repair outcomes while performing critical maintenance on various electrical systems. Contributed to risk management processes and ensured operational excellence.

- Executed compliant maintenance and repairs on electrical components, following strict safety guidelines.
- Performed detailed inspections of devices, boosting functionality and improving performance metrics.
- Assisted in setting up testing equipment, refining diagnostic capabilities across service requests.
- Documented processes meticulously, aiding knowledge sharing within the technical team.
- Participated in ongoing education about emerging technologies, adapting swiftly to maintain best practices.
- Provided mentorship for new technicians, promoting a proactive learning culture in the workplace.

### Electrical Apprentice

June 2016 - December 2017

Electro-Tech Industries

Naperville, IL

Gained essential skills in your high-voltage electrical environment while supporting senior technicians from day one. Engaged in hands-on learning that bridged theoretical principles with practical application.

- Assisted technicians in inspections and repairs, developing foundational expertise in electrical systems.
- Mastered the operation of electrical testing equipment, amplifying capability in diagnostics.
- Shaped problem-solving skills improving project completion timelines through effective collaboration.
- Engaged in rigorous safety training programs, reinforcing commitment to workplace safety.
- Fostered teamwork by collaborating on multiple projects seamlessly aligned with operational goals.
- Maintained cleanliness and orderliness in work environments, enhancing both productivity and safety.

## LEADERSHIP & AWARDS

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- Employee of the Month at Innovative Electrical Solutions for outstanding performance in technical support.
- Received commendation for exceptional safety awareness during multiple high-risk projects.

## EDUCATION

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### Diploma in Electrical Engineering

2016

Chicago Technical College GPA: 3.5

Chicago, IL

**Coursework:** Electrical Theory, Circuit Design, Safety Standards, Component Repair

## CERTIFICATIONS

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- OSHA 10-hour Safety Certification 📅 2020

- NICET Level I Certification 📅 2021

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## TECHNICAL SKILLS

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- **Electrical Testing Equipment:** Oscilloscope, Multimeter, Test Equipment
- **Safety Protocols:** Hazard Assessment, Compliance Policies, Protective Measures
- **Repair Techniques:** Circuit Board Repair, Soldering, Component Replacement
- **Project Management Tools:** Trello, Asana, Workflow Software
- **Regulatory Standards:** OSHA, NEC, ISO Certifications
- **Electrical Components:** Motors, Relays, Switches
- **Tools and Machinery:** Hand Tools, Power Tools, Diagnostic Tools
- **Documentation Software:** Microsoft Office Suite, Google Docs, Project Reporting Tools
- **Training Programs:** Mentorship Initiatives, Technical Workshops, Safety Seminars
- **Networking Standards:** Ethernet, CAN Bus, Communication Protocols

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## SKILLS

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- Electrical Systems Repair
- Troubleshooting
- Blueprint Reading
- Electrical Testing Equipment
- Compliance with Regulations
- Power Tools Operation
- Electrical Installations
- Technical Documentation
- Repair Strategy Development
- Cross-team Coordination
- Data Analysis Skills
- Preventive Maintenance Planning
- Process Improvement
- Interpret Wiring Diagrams
- Inventory Management
- Workplace Organization

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## PROFESSIONAL AFFILIATIONS

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- Member of National Electrical Contractors Association (NECA), engaging in ongoing professional development.
- Active volunteer at local community programs focusing on teaching safety and electrical basics.

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## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

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## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

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## REFERENCES

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AVAILABLE ON REQUEST