ETHAN MARTINEZ

Electrical Technician

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PROFESSIONAL SUMMARY

Experienced Electrical Technician specializing in industrial electrical systems and automation. Proven track record in performing preventive maintenance and troubleshooting electrical equipment. Knowledgeable in PLC programming and control systems. Strong analytical skills and attention to detail, ensuring optimal performance and reliability of electrical installations while adhering to industry regulations.



WORK EXPERIENCE

Electrical Technician

Apr/2024-Ongoing

Quantum Solutions LLC

₮ Phoenix, AZ

- 1. Assembled, installed, tested, and maintained electrical wiring. equipment, appliances, and fixtures using hand and power
- 2. Diagnosed malfunctioning systems and components with test equipment to locate breakdown causes and implement solutions.
- 3. Connected wires to circuit breakers, transformers, and other components to ensure proper functionality.
- 4. Installed security alarms and surveillance systems in residential and commercial properties.
- 5. Inspected electrical systems and components for hazards and compliance, recommending necessary repairs.
- 6. Advised management on equipment safety and operational viability.
- 7. Tested electrical systems and continuity of circuits with devices such as ohmmeters and voltmeters to ensure safety and compatibility.

Electrical Technician

Apr / 2023-Apr / 2024

Cactus Creek Solutions

- ♣ Phoenix, AZ
- 1. Performed maintenance and repairs for the Keesler AFB hospital electrical systems.
- 2. Engineered and executed job orders for electrical system upgrades and repairs.
- 3. Maintained generators and ATS switchgear, including monitoring and load testing.
- 4. Tested and serviced fire alarm systems to ensure operational readiness.

EDUCATION

Associate of Applied Science in **Electrical Technology**

∰ Apr/ Apr/ 2022 2023

Community College of Technology

₽ Phoenix, AZ

Focused on practical skills in electrical installation, maintenance, and troubleshooting.



SKILLS

Cable Management

Installation Techniques

System Upgrades

Schematic Interpretation

Transformer Operation



INTERESTS

✓ Music

Writing

№ Public Speaking O Meditation

STRENGTHS

Vision

Patience

Accountability

Sensitivity

LANGUAGES







English

French

Polish

ACHIEVEMENTS

- Reduced downtime by 20% through effective troubleshooting and repairs.
- Successfully installed and maintained over 50 electrical systems in residential and commercial settings.