

# LORNA PETERSON, PE

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## Qualifications Summary

Dedicated U.S. Army electrical systems repairer, Professional Engineer (PE) and graduate of ABET-accredited BSEE program. Combine leadership skills with a solid foundation in circuitry and schematic design, electromechanical repairs, avionics and electromagnetic devices. Offer experience in electrical technologies, including analog and digital circuits, signal processing and wireless networks. Skilled in using tools such as oscilloscopes, multimeters, function generators, LCR meters and curve tracers.

## Education & Training

ABC UNIVERSITY (Sometown, NC)

### **Bachelor of Science in Electrical Engineering**, Emphasis in Electrical Systems

**Courses:** Electrical Engineering Fundamentals, Network Analysis, Digital Logic Design, Analog Circuit Design, Electronic Devices & Circuits, Electromagnetics, Linear Systems & Signals, Random Signals, Digital Systems Engineering, Integrated Circuits, VLSI Circuit Design, Microelectrical Mechanical Systems (MEMS)

**Activities:** Member, Secretary and Membership Chair, Institute of Electrical and Electronics Engineers (IEEE) — Student Branch

**Professional Engineer**, National Council of Examiners for Engineering and Surveying

US ARMY – ADVANCED INDIVIDUAL TRAINING (AIT) SCHOOL

### **Graduate, Avionics/Electrical Systems Repair School**

**Courses:** Electrical Safety Procedures, Fundamentals of Electricity & Electronic Circuits, Junction Box Wiring Techniques, Electrical Services & Switches, Electric Circuit Diagnostics, Avionics Systems/Repairs, Advanced Troubleshooting

## Electrical Systems Experience

US ARMY (Stationed at Fort Bragg, NC following basic training and deployed internationally)

### **Electrical Systems Repairer**, 2010 to Present

Earned meritorious promotions, progressing from private (E1/E2) to private 1st class (E3) to specialist (E4) during enlisted service. Maintain and repair electrical systems, wiring and components for aircraft armament, missile and fire control systems.

#### *Highlights of achievements:*

- Earned three medals, five ribbons, three letters of commendation and numerous citations for excellence during military service.
- Honored with awards for proactive leadership and expert electrical systems troubleshooting that enhanced mission-readiness in both combat and peacekeeping arenas.
- Demonstrated competencies in the upkeep, diagnosis and repair of electrical circuits and wiring.