

SCOTT LEDERHOS

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Highlights:

- Hard-working and self-motivated electrical engineering major.
- Six years of experience with the military.
- Highly developed analytical, technical, and problem solving skills.
- Very organized and efficient with the ability to work independently or within a team setting.

Education:

Northern Arizona University

August 2010 - Present

Bachelor of science in Electrical and Computer Engineering

- Degree expected May of 2013
- GPA 3.53
- Currently in first semester of senior year
- EE completed classes: Digital Logic, Intro to Electronics, Intermediate Programming, Microprocessors, Engineering Analysis, Fundamentals of Electromagnetic, Fundamentals of Computer Engineering, Fundamentals of Signals & Systems, Engineering Design Methods, Electric Motor Drives.
- Currently in: Microelectronic circuits, Automatic Control Systems, and Communication Systems.
- Familiar programming languages C,C++, MATLAB, VHDL, assembly machine code, and NQC (not quite C).
- Familiar Simulation software Quartus II, Ansoft Maxwell, Mentor Graphics.
- Designed and built a working human powered generator, model of the Glen Canyon Dam, and a 12,000 Volt Jacob's Ladder.

Glendale Community College

January 2009 - July 2010

Transferable credits in Electrical Engineering

Community College of the Air Force

January 2003 - August 2010

Associate in Aviation Maintenance Technology

- Airman Leadership School
- Air Force Trainers course
- Aircraft Electrical Environmental Systems Apprentice Technical School
- F-16 Electrical and Environmental Maintenance
- Wire Repair
- F-16 Aircraft Schematic Diagrams

Career History:

United States Air Force

January 2003 - August 2010

Electrical and Environmental Systems Mechanic Craftsman

- Trained and directly supervised two Electrical and Environmental technicians.
- Maintained meticulous troubleshooting and repair records on F-16 and H-60 aircraft.
- Assured minimal downtime of electrical systems by carefully inspecting wire harnesses, connector plugs, and all electronic components for proper integrity.
- Troubleshoot, removed, installed, and maintained electrical and environmental systems on F-16 aircraft and H-60 helicopters.

- Maintained systems including but not limited to AC generators, DC converters, power control relays, batteries, battery chargers, interior/exterior lighting, anti-skid, nose wheel steering, heating, air conditioning, cockpit pressurization, anti-g, and oxygen supply.
- Used schematic wiring diagrams and technical manuals in order to route new wire harnesses and cables, solder wires, crimp pins and replace terminal connectors.
- Honorable discharge, DD-214 available upon request.

O'Malley's Auto Service

Bailey, CO 80421

September 2002 - December 2002

Mechanic Assistant

- Inspected automotive components to determine the corrective action necessary.
- Maintained and replaced minor automotive parts like light bulbs, wipers, tires, belts, air filters, and all fluids.
- Maintained proper inventory levels.
- Organized and cleaned all six car bays to ensure a safe working environment.

Consolidated Management CO.

Bailey, CO 80421

June 2000 - September 2002

Assistant Manager/Cook

- Prepared breakfast, lunch, and dinner for up to 200 people at a time.
- Cleaned up kitchen and equipment after each meal.
- Trained and managed six to eight foreign summer workers.

Honors, Awards, Activities

- Dean's list Spring, 2012
- IEEE student member since September 2010
- Air Force: Awarded with recognition on the Quality Assurance Honor Roll, bestowed the Air Force Good Conduct Medal, National Defense Service Medal, and Iraq Campaign Medal, and was honored with the Air Force Expeditionary Service Ribbon.
- Rebuilding a 1951 Chevy pickup, alternative energy, LEDs.

(References available upon request)