

Blake Nielsen

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EDUCATION

University of Nebraska – Lincoln

Bachelor of Science in Electrical Engineering (December 20XX)

GPA: 3.75/4.0

INTERNSHIP EXPERIENCE

Cooper Nuclear Station, May 20XX – August 20XX

Electrical Engineering Intern, Brownville, NE

- Support daily operations and maintenance at the plant and troubleshoot off normal systems with the goal of initiating actions that would restore or improve power.
- Assist in the development of electricity demand trends and forecasts with emphasis on electrical irrigation load using data obtained from several separate sources.
- Analyze and make recommendations for power shortages based on different root causes.
- Attend weekly staff meeting with Plant Engineers and other interns to discuss performance.

EXPERIENCE

United States Navy, May 20XX – October 20XX

Instructor, Naval Submarine Base, Groton, CT

- Taught the principles, techniques and procedures of submarine electronics to 1200 students annually with a hands-on approach.
- Presented information through a variety of formats including lectures, simulations, team exercises, group discussions and videos.
- Revised training manuals and course materials to fit the needs of the students and held office hours for those who needed and/or wanted extra instruction.
- Monitored and evaluated the work of students through quizzes and tests and recorded and managed a learning management system called Blackboard

Electronics Technician, Various Nuclear Powered Submarines

- Supervised, inspected the work of and gave guidance to four junior electricians.
- Performed a wide range of tests, adjustments and repairs on communication and navigation systems, power plant structures, and electronic control assemblies.
- Identified and fixed an atmospheric monitoring system that affected submerged operations resulting in cost savings of more than \$3,000.
- Maintained historical logbooks that recorded performance issues, tests and repairs both in port and at sea.
- Awarded the Navy Achievement, Good Conduct, National Defense Service and the Global War on Terrorism Service Medals.

COMPUTER SKILLS

SAP Maintenance, SAS, C, C++, Adobe Systems, JavaScript, FileMaker Pro and Microsoft Office Suite, Canvas, CAD, MATLAB