

WORK EXPERIENCE

Lead Electronics Engineer for Jet Engine Test Cells

Naval Air Depot, Cherry Point

2001— Present

North Carolina

I am currently the Depot's jet engine test cell Electronics Engineer. This makes me the facility's primary electronics engineering and design consultant in the specialty areas of instrumentation and control systems for the test cells. I have prepared and reviewed specifications for both new test systems and modifying existing systems. I have also modified our existing systems to meet new and emerging requirements by providing designs, consultation, and direct technical assistance to maintenance, production, calibration, and outside entities in both public and private sectors.

In addition, I provide engineering support to various test systems and production equipment throughout the Depot. This support includes design work, specifications for new equipment, modification of existing equipment, direct technical support, and consultation.

I have also graduated from Cherry Point's CO-OP program. During this period I aided senior members of Plant Engineering in investigating and completing assigned tasks and engineering requests. I used the Division's drafting procedures and standards daily to produce drawings and retrieve information. I used and became familiar with the division's technical writing standards for writing memos, procurement packages, statements of work and lockout/tagout procedures. In addition, I was introduced to the Depot's industrial automation, rotor balancing, and hazardous gas detection systems. I proposed multiple industrial lighting designs, conducted short circuit and coordination studies using EDSA, and worked closely with the Occupational Safety Branch, Facilities Maintenance, Mechanical, Industrial, and Environmental Engineering Branches to complete various tasks.

Engines Tested

- T58
- T400
- T64
- F402

Awards

- On the Spot Award (2001)
- Employee of the Month, September 2005
- Multiple Sustained Excellence Awards and Informal Recognitions.

Electrician's Assistant

Greenville

1998-1999

North Carolina

My responsibilities at Pitt Electric, an industrial/commercial electrical contracting group, included pulling wire, connecting various multi-phase circuits, running conduit, testing circuits, cleaning up, and fetching tools and supplies.

EDUCATION

North Carolina State Univ.

Raleigh

2003

North Carolina

Contact Info:

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Bachelor's of Science in Electrical Engineering.
Passed EIT Exam (Cert Num. A-20298)

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