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**Career Objective:**

Test & Design Engineer position with PDL Corporation

**Research & Development:**

- Designed and tested electrical components, equipment and systems
- Troubleshoot equipment resulting in an overall operation increase rate of 75%
- Conducted field observations and repaired damaged equipment for 15 plants within Southeastern US
- Developed, oversaw and monitored test systems
- Supervised 20 test engineers, monitored work performance and completed monthly evaluations
- Ensured manufacturing, construction, installation and operational testing conforms to functional specification requirements
- Utilized computer-assisted design software to perform daily engineering tasks

**Technical Writing:**

- Wrote and published technical manual on the design and fabrication of industrial machinery
- Drafted written test designs and submitted to engineering task force
- Collaborated with subcontractors and assisted in the development of electrical equipment test instruments
- Prepared instructions for the fabrication of test control apparatus and equipment

**Equipment Analysis:**

- Analyzed problematic situations and equipment failure using practical engineering applications
- Developed and implemented preventative equipment maintenance course for engineering professionals
- Surveyed participants upon completion of course, recorded time/response rates of equipment repair and reported a 62% rate of increase

**Work History and Education:**

ELE Enterprises, Inc.  
Chief Engineer

Durham, NC  
May 1995 to August 1998

Engineering Complex  
Engineer

Cary, NC  
May 1991 to May 1995

North Carolina State University,  
Bachelor of Science in Electrical Engineering

Raleigh, NC  
May 1991