

**DALE BRINLEY**

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Greensboro, NC 27406  
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**POSITION OBJECTIVE:**

**An Engineering position dealing with Manufacturing Automation**

**SUMMARY:**

Engineering experience in the following areas:

- Design (Electrical and Mechanical)(proficient in Allen Bradley RS logix and RSView PLC programming, AutoCAD and knowledgeable in Solid Edge)
- Project Management
- Industrial Engineering (layout, methods and simulation)
- Proficient with Microsoft Word, Excel, Access, and Project

**EXPERIENCE:**

**Guilford County Schools**

**August 2007 to June 2008**

- Teacher at Northern Middle School, Taught technology for 6<sup>th</sup> 7<sup>th</sup> and 8<sup>th</sup> grades.

**Chase-Logeman Inc.**

**April 2005 to May 2007**

- **Engineering Manager** supervised electrical and mechanical design of liquid filling pharmaceutical packaging systems for use in a clean room environment.
- **Project Engineer:** Designed and debugged a Robotic Tray Loading System which utilized a Denso Six Axis Robot. Designed and implemented modular structured programming for PLC controls. This reduced the engineering development time required by an average of two weeks per machine. Redesigning the star wheel hub system to allow independent timing of multiple products with different capping characteristics to run on a system.

**DWB Painting & Remodeling Inc.**

**Jan 2002 to March 2005**

- Remodeled Homes and Small Businesses.

**Corning Inc.**

**Jan 1997 to Jan 2002**

- **Project Engineer** assigned the Oklahoma Project, Montrac spool handling conveyor system, a \$5 million dollar project.
- **Sr. Controls Engineer** for the Concord Montrac spool handling conveyor system, a \$5 million dollar project.
- **Simulation Models:** Using Brooks Automation AutoMod created the simulation models for the spool handling systems designs.
- **MS Project:** Created the master schedule used on the Concord-2 project. This required integrating the sub-schedules and reconciling the discrepancies with the Project Engineers for each of the six departments in the project.
- **Controls Engineer:** Created the electrical installation plan and design documentation for the Fiber Optic Draw Tower projects at Concord, NC and Sullivan Park, NY.
- **Managed** the Draw Tower installation at the Sullivan Park, NY facility.

**AMP Inc., Greensboro NC** **April 1993 to Jan 1997**

- **Manufacturing Engineer** Completed the engineering of a manufacturing system for uP sockets, and managed its expansion from three to nineteen systems in less than six months. Designed and managed the manufacturing of 15 assembly machines which reduced manpower requirements by 33% for the SLZ socket assembly process saving 15 man years labor annually.

**Strandberg Engineering, Greensboro, NC** **May 1989 to June 1992**

- **Controls Engineer**, Designed and programmed real time data acquisition and process control systems, programmed in Microsoft C.

**Contract Software Engineering** **July 1987 to May 1989**

**Microflex**, Winston Salem, NC

- Integrated an analog interface device into an existing 8085 based product. Implemented the assembly language coding for a credit card interface system.

**Poly Carolina** Kernersville, NC

- Designed and programmed the pattern editing function and high level operator interface for an LVDT spindle winding system.

**BLUE BELL INC., Greensboro, NC** **Jan 1976 to Dec 1987**

- **PROJECT ENGINEER** (1978 to 1987)  
Managed the Gerber G91 Fabric Cutting Systems acquisition and installation, a \$15 million capital expense project for 23 systems.
- **INDUSTRIAL ENGINEER** (1976 to 1978)  
**Responsible for Engineering** in sewing, cutting and shipping departments. This included costing, work methods, facility layout and piece rate administration, environmental and OSHA regulation compliance.  
**Engineer** for a shipping facility with a capacity of 1,600,000 dozen per year. Designed, appropriated and managed the installation of a new packing conveyor system which increased total shipping capacity by 52% and reduced the down time 93%.  
**Designed** an allocation system which reduced engineering time for season change by 60%, from 5 days to 2 days.

**EDUCATION**

**Masters of Science in Industrial Engineering**

North Carolina A&T State University 1993

**Bachelor of Business Administration**

University of Kentucky 1975

**Journeyman Tool and Die Maker** 1972

General Electric Apprenticeship Program Louisville, Ky.