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Objective: This format used to facilitate client understanding of skills and experience.

Education: **M.S.I.M. (1990) Clemson University**, Clemson, SC. Industrial Management with emphasis on Operations Management and Quantitative methods.
B.S.M.E (1981) Marquette University, Milwaukee, WI. Broad based curriculum with emphasis on Machine Design and Energy Engineering.

Experience: **1990-present: Manufacturing Consultant.** Various teaching and consulting assignments including seminars on Synchronous Manufacturing and Just-In-Time. Projects have included preliminary ISO work, Due Date Performance, Master Scheduling as well as warehouse layout. Industries range from large scale metal cutting and assembly to small cut and sew operations. From Fortune 50 to Inc. 1000.

1987-1988: Engineering Manager. Vermont American Corp., Toccoa, GA. Managed Engineering and Maintenance functions. Implemented Quick Setups, Preventive and Predictive Maintenance. Supported production with low cost application of Constraint Management that boosted average weekly production from approximately 150,000 units per week to 200,000 units with less labor and fewer machines. Installed kanban at critical flow point and cut MRP lot sizes to reduce cycle times. Worked to reverse history of Theory X management and move toward Employee Involvement. Shop Floor generated ideas rapidly moving forward.

1981-1987 Manufacturing Engineer. Michelin Tire Corp. Sandy Springs, SC. Assigned to Steel Wire & Cable processing. Responsibilities included Manufacturing, Process and Industrial Engineering along with project management and various departmental and team assignments. Have achieved significant cost reduction through machine modifications, work simplification, material flow, layout and incentive systems. Responsible for development, maintenance and troubleshooting of some mainframe, PC and all portable computer systems. Documented savings well over two million dollars.

1987: Consultant, Tri-County Technical College, Pendleton, SC. Developed, prepared and presented an 8 hour seminar entitled "Competitive Manufacturing" Seminar objective: Provide a framework for a manufacturing strategy which addresses competitive position as well as internal capabilities and resources.

1986: Manufacturing Consultant Aiken, SC. Evaluation of wage and incentive program and manufacturing strategy. Results: Restructured Incentives to build ownership and responsibility. Built management commitment to upgrading approach.

1978-1981: Engineering Co-op, Briggs and Stratton Corp., Milwaukee, WI. Worked in all phases of engineering related to small engine design and production. This experience consisted of projects in: Inspection, Quality Control, Metallurgy, Mechanical Design, Liaison and Manufacturing Engineering.

1974-1981: Assistant Manager, Rost True Value Hardware, New Berlin, WI. Responsible for normal store operations in addition to special projects such as merchandiser design and construction

1969-1981: Assorted part time jobs including delivering The Milwaukee Journal, Guest security at a private beach, the New Berlin Public Library, PDQ food stores and collecting Real Estate taxes.

Instructor: APICS Courses: Basics of Supply Chain Management, Just-In-Time, Master Scheduling, Material and Capacity Requirements Planning, Inventory Management, Production Activity Control, Systems and Technologies, the Fundamentals Series: Inventory Management, Planning, Manufacturing Control.
My own Courses: Competitive Manufacturing, Synchronous Manufacturing, No Slack Supply Chain Mgt.
University Courses: Production and Operations Management I & II.

Interests: Being a dad, Private Pilot, Water Skiing, Travel, Woodworking, and Public Speaking.