

C. Anthony Palumbo
19 Garden St, Apt 28
Cambridge, MA 01238
(H) 617-876-3765

FORD MOTOR COMPANY, July 1995 - Present

Massachusetts Institute of Technology, Cambridge, MA, June 2000 - Present

Ford Fellowship: The MIT Leaders for Manufacturing (LFM) Program is an academic program that involves both management and technology. LFM takes a "total enterprise" approach, embracing a holistic view of the synergies within the entire organization and focusing on the broader aspects of manufacturing, from concept to delivery. Candidate for Science Masters in Electrical Engineering and Business (MBA - Sloan School of Management), June 2002.

- Lean Manufacturing, Operations Management, Organizational Processes, System Optimization and Analysis, Supply Chain Planning, System Dynamics, Manufacturing Processes and Systems, Power Electronics, Marketing, Corporate Strategy, Human Resource Management.
- Plant Tour Committee.
- SPES, Latin acronym for "hope" - tutoring program for Boston's inner city youth.
- Boston Environmental Services - assisting city in implementing alternative fuel vehicle program.

Ford Edison Assembly Plant, Edison, NJ, July 1995 - June 2000

Paint Automation Engineer, January 1998 - Present

Responsible for all paint robotics operations, production, quality and maintenance in the application of solvent based prime, basecoat and clearcoat paints.

- Lead Engineer for \$400,000 paint transfer retrofit project - resulted in \$2.1 million annual cost savings through increased efficiency and quality.
- Lead Engineer for \$250,000 Generation IV Clearcoat Launch - improved paint quality and durability.
- Lead Engineer for \$50,000 robotics retrofit project increasing vehicle production by 100 per day.
- Responsible for automated software control systems.
- Supervised 30 hourly production and skill trade employees across 3 shifts.

Paint Process Engineer, October 1996 - January 1998

Responsible for all operations, production, quality and maintenance of a new \$87 million / 300,000 square feet (27,500 square meter) Immersion Phosphate & E-Coat Primers Systems. Responsible for 44 paint delivery systems. Managed allocation of tasks for the department's 160 hourly employees.

- Developed new \$250,000 ergonomic skid hook - eliminating operator lower back injuries and one operator per shift.
- Developed an ergonomic and efficient paint application hood tool with guaranteed life expectancy through model year 2006. Hood tool design now used in North & South American Ford and Mazda truck assembly plants.
- Developed five universal 4-door paint application tools to replace a process of eight different designs. Designs now employed in North & South American Ford and Mazda truck assembly plants.
- Recommended three best practice process improvements, which were accepted and implemented for the Ford and Mazda truck paint processes. Recommendations increased quality and durability.
- Responsible for assuring ISO 9000 compliance.
- Implemented best practice for disposal of hazardous paint filters with annual savings of \$30,000.

Paint Production Supervisor, July 1995 - October 1996

Managed 28 hourly sealer operators and prime sprayers in support of daily line activities.

- Achieved zero warranty defects from all vehicles built in three-month period. Achievement is first occurrence in the Ford Edison Plant's 51-year history.
- Presented Best In Class (BIC) Truckline Process to the Vice President's Corporate Quality Committee.
- Successfully launched and implemented a new \$5 million prime robotics equipment project.

WESTINGHOUSE ELECTRIC CORPORATION, Hillside, NJ, June 1993 - July 1995**Operations Coordinator**, June 1994 - July 1995

Managed the activities of the electrical high voltage utility and commercial service office, which grossed \$10 million annually.

- Managed 9 Field Engineers and 3 Field Technicians.
- Interfaced daily with customers and Westinghouse upper management.
- Established pricing and billing criteria to enhance customer satisfaction and to increase profit and employee productivity.

Internal Technical Sales Engineer, October 1993 - June 1994

Provided electrical technical support to External Sales Engineers and utility and commercial customers. Developed electrical systems installation and integration proposals.

Field Engineer, June 1993 - October 1993

Serviced and maintained the electrical high voltage power distribution and control of various utility and commercial high voltage systems.

INTERNATIONAL BUSINESS MACHINE, Burlington, VT, May 1992 - August 1992**IBM Summer Pre-Professional**

Designed and simulated the IEEE Standard Cell Boundary Scan Latch in CMOS 4 Technology (VLSI). Successfully designed the Scan Latch into a production model.

EDUCATION**Massachusetts Institute of Technology**, Cambridge, MA

Leaders for Manufacturing (LFM) Program - Candidate for Science Masters in Electrical Engineering and Business (MBA - Sloan School of Management), June 2002

Pennsylvania State University, University Park, PA

Bachelor of Science, Electrical Engineering, May 1993

HONORS/ACTIVITIES

Member: 1999 Ford Edison Corporate Citizenship Committee, Championed Hurricane Floyd Flood Relief

Member: 1999 - 2000 Ford Edison Corporate Citizenship Committee, Bowl-A-Thon - Special Olympics

Member: 1999 - 2000 Penn State Alumni Association: Central New Jersey Chapter, American Cancer Society - Relay for Life

Member: Since 1992 Society of Automotive Engineers (SAE), Since 1990 IEEE - Robotics Engineering, Power Engineering and Power Electronics

Fundamentals of Engineering (EIT): Qualified April 1994

Penn State EE Project Leader: 1992 - 1993 Ford Hybrid Electric Vehicle Challenge. Managed the tasks of 12 Electrical Engineers. Responsible for motor control design and total vehicle simulation. Member of the Proposal Writing Team.

Penn State Senior Project: 1993 Portable Calling Card Memory and Dialing System

Engineering Paper: Institute of Electrical and Electronic Engineers (IEEE) 1990 Philadelphia Region II, "Power Factor Consideration in Low Voltage DC Power Supplies"

IEEE Secretary 1992-1993: Penn State Chapter

IEEE Social Co-Chairman 1991-1992: Penn State Chapter

Honor Societies: Eta Kappa Nu National Electrical Engineering Honor Society, Tau Beta Phi National Engineering Honor Society and Golden Key National Honor Society

Scholarships: 1990 - 1991 Babcock & Wilcox, Ostermeyer and Penn State University

HOBBIES

Wine Making, Travel, Golf, Boating, Skiing, Biking, Hiking, Bowling, Rollerblading