

John David Gent

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OBJECTIVE

Managing a Manufacturing Engineering environment with key roles in CAD/CAM/CAE and CNC manufacturing. A position where skills in leadership and innovation will assure performance in achieving goals.

EXPERTISE

Manufacturing Engineering	Process Innovation	CNC Programmer
Product Management	Product Design	Software Development
Visual Basic Programming	Shop Management	Quality Assurance
	Project Management	

PROFESSIONAL ACCOMPLISHMENTS

- Introduced and implemented CNC technology to otherwise manual machine shops.
- Wrote several custom software packages for CAM (g-code interpreter), job tracking, cost estimating, multi-machine DNC (Direct Numeric Control) routing, etc.
- Managed a two-week Beta test for I-Deas Generative Machining in Cincinnati that included customers from around the world. Of about ten product lines tested, Generative Machining received the highest awards, acclaim and commitment.
- Spent three weeks at a customer site integrating unrelated software packages into a seamless design to manufacture operation. This included a great deal of customization, software development and training but the end result was bringing a real design to actual stamped part ... and a letter of high regard for myself.

PROFESSIONAL EXPERIENCE

EDS PLM Solutions – Eugene, Oregon
(Point Control, CAMAX, SDRC)

1993 – 2001

Product Manager

- Managed development and marketing of SmartCAM Advanced Fabrication with a keen eye toward return on investment, market notoriety and competition.
- Managed a world wide reseller chain for Advanced Fabrication to include marketing collateral, tradeshow, presentations, conferences, OEM's, contracts and associates.
- Planned development activity within resource constraints of other concurrent products/projects.
- Planned and executed marketing strategies.
- Designed, developed and documented user interface(s).
- Designed functionality for the stamping and cutting industry to include Laser and Water Jet technologies and adding functionality for new or improved manufacturing techniques.
- Planned for product and market space for up to ten years.
- Began planning a new product line in automated sheetmetal forming.
- Managed some of the ancillary products that accompanied our primary products.

Application Development Engineer

- Research and develop design ideas based on current customer needs and market trends.
- Investigated competitor strengths (and weaknesses).
- Developed automated tests for new functionality.
- Worked closely with Technical Documentation for accuracy and content.
- Liaison between customer support and software engineering.

Staff Technologist – Customer Service Representative

- Customer site training and implementation.
- Won several Customer Service Awards for software implementation, integration, process improvement(s) and software/process training.
- Bug resolution with work around or software patches.
- Developed and documented productivity tools that worked with our software.
- Help maintain technical notes and updates on our web site.
- Telephone and email customer support for two product lines.

Software Quality Engineer

- Interactive and automated testing of two product lines ... six products.
- Develop and maintained a huge automated regression test suite.
- Develop and maintain test plans.
- Analyze test failures and report regressions.
- Perform grueling vertical interactive tests and “Art – to – Part” horizontal tests.

Nichols Products – Eugene, Oregon

1992 – 1993

Manufacturing Engineer – Shop Supervisor

- Managed shop for multiple shifts including hiring/firing and team building.
- Developed software to automate design to machine operations.
- Worked with customers to design and build product.
- On site customer relations with regard to product design and manufacture.
- CNC Programmer

Federal Stampings – Eugene, Oregon

1989 – 1992

Manufacturing Engineer – Department Supervisor

- Managed CNC shop, CNC Programmer.

LH Research – Corona, California

1979 – 1989

Manufacturing Engineer – Shop Supervisor

- Managed shop, CNC Programmer.

United States Navy

1975 – 1979

Aviation Structural Mechanic

EDUCATION AND PROFESSIONAL DEVELOPMENT

- 1.5 years towards Mechanical Engineering BS (interrupted by return to day shift as a Manufacturing Engineer and Shop Supervisor).
- Numerous Quality Assurance, People Management and Project Management programs, conferences and seminars.
- Numerous Manufacturing classes, conferences and seminars.
- Marketing skills seminar.

Excellent computer skills across several platforms and software packages. All of the MS Office suite. Presentations, graphic art, news letters, etc. CAD/CAM expertise with many packages. Visual and QuickBasic programming. Database programming. Web development.

PROFESSIONAL AFFILIATIONS

- Senior Member of the Society of Manufacturing Engineers.
- Active participant in the SkillsUSA VICA program.