

Christopher J. Maurus

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OBJECTIVE Seeking a position in product development where I can use my knowledge, experience, and design disciplines to meet the goals of the organization:

- 3D Designer of Conveyors and Automation, Special Machines, Fixtures, Gages, Test Equipment
- Parametric Design Automation Specialist / CAD Network Manager
- Product Development / Concept to Production

SKILLS

Extensive Design Experience Using Creo2 / Pro Engineer Wildfire (+20,000 Hrs.) / AutoCAD / MDT
3D Solids Modeling and Assembly / Surfacing
Design Automation and Programming Using Creo2 / Pro Engineer Wildfire / Advanced Table & Relations
Cost Reduction Analysis / Castings / Aluminum Extrusion / Plastics
Design Experience Using Modular Aluminum Extruded Structural Systems and Integration
Photo Quality Rendering / Prototypes / Marketing Materials / Presentations
Technical Writing / Procedures / Manuals / Catalogs / Marketing Brochures
Systems Analysis and Design / CAD Network / Standards and Templates / Library Development
Knowledgeable in Geometric Dimensioning and Tolerance.
MRP System: Visual Manufacturing / BOM Processing
Microsoft Office Applications: Word / Excel / Power Point / Access / Outlook / Project
Programming: C++ / Java / Java Script / HTML / Visual Basic / MS Access VBA / AS400
Desktop Publishing: Adobe Photoshop / Advanced
Software Instructor: Creo2 / Pro Engineer / AutoCAD / MDT / MS Office

EDUCATION

Davenport University / BBA Computer Information Systems *Highest Honors* G.P.A. 3.94

EXPERIENCE

Automation and Modular Components, Inc. Davisburg, Michigan

Senior Research and Development Engineer

September 2000 to Present

Responsibilities include research and development of new products in modular conveyor and automation design from concept and prototype development to final production

- Developed four major product lines, two of which became the company's fastest growing product lines having the greatest margins for profitability
- Re-developed two product lines improving quality, performance, visual aesthetics, and cost reduction
- Provided a complete revenue stream from product concept and development to technical manuals, catalog illustrations, high quality photo renderings, technical writing, and part numbering syntax
- Greatly improved design efficiency through parametric design automation and programming using Creo2 / Pro Engineer Wildfire
- Developed and implemented standards and libraries for new engineering platform / trained all engineering personnel in parametric design and methodologies

Waldon Design, Inc. Clinton Township, Michigan

Senior Designer / CAD Network Manager

July 1988 to September 2000

Responsibilities include design of special purpose machines, gages, fixtures, and test equipment
Specialized gage design: attribute / variable SPC / computerized / automatics

- Knowledgeable in geometric dimensioning and tolerance
- Technical writing / graphic illustration / procedures
- Proposal, estimating, and checking
- Customer liaison responsible for several key customer accounts and project coordination
- CAD Network administration / license management
- Trouble shooting, software installation, training, communications, and system backup
- Recommend, budget and implement hardware / software / upgrades
- Development and maintenance of corporate database and office automation