

Charles W. Bardsley

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Summary

Responsible, driven Designer Engineer with over 18 years of experience in the Manufacturing Industry. Known for the ability to meet tight deadlines and get the job done. Additional skills and experience in the areas of:

- Custom Automation Design
- SolidWorks
- Technical Procedures
- New Product Documentation
- Operation Method Sheet (OMS)
- Hospitality & Dormitory Furniture Design
- Autodesk Inventor, Mechanical Desktop
- Assembly Documentation
- Web Design, Graphics and Animation

Professional Experience

WARD SYSTEMS, INC. Grass Valley, CA
Design Engineer

Jan 2007 – Present
www.WardVentures.com

Design custom automation systems specifically tailored to customer's needs from concept to delivery.

- Work closely with lead designer discussing design criteria & concept
- Design as a team to develop new products for manufacturing in a prototype setting
- Design for manufacturability & identify areas for improvement from prototype
- Order items needed for manufacturing run; from hardware to fabricated items
- Proper understanding of SolidWorks design process

FURNITURE BY THURSTON, Grass Valley, CA
Engineering Supervisor

May 2004 – JAN 2007
www.FurnitureByThurston.com

Responsible for designing furniture to customer's needs & specifications. Develop Production Packages for manufacturing consisting of cutlists and CAD drawings.

- Design and develop dormitory, military & hospitality furniture. Create production packages for manufacturing.
- Responsible for keeping Engineering on schedule to meet delivery dates.
- Create last minute engineering "best value" packages due to high demands of potential customers.
- Designed prototype concepts for customer approval. After which sample products are built for sample rooms.

APPLIED MATERIALS, Santa Clara, CA**1989-2003**CAD Designer II with Supervisor Responsibilities – Industrial Engineering

2000-2003

Supervised Illustration group with an average output of 400 pages per month. Documented new products in Operation Method Sheets (OMS) format for transition into volume manufacturing while meeting evolving customer lean manufacturing needs

- Attend new product control builds in order to properly document assembly process
- Developed solid models for tooling designs from sketches. Allowing tooling Engineers to concentrate on design and productivity
- Standardized AutoDesk Inventor to AutoCAD conversion process allowing illustrators to complete Operation Method Sheets (OMS) with minimal training
- Led effort with out of state division to develop internal document transfer process & standards, resulting in less rework and cost containment
- Documented departments processes for ISO 9001 Certification resulting in the only department, division wide with 0 Audit findings

Senior CAD Drafter– Technical Illustration, Industrial Engineering

1998-2000

Attend engineering managed new product builds to gather and document assembly information. Create Sequence Of Events (SOE) and Operation Method Sheets (OMS)

- Collaborated with divisional manager to document redlined feedback process

CAD Drafter

1995-1998

E/M Assembler Tech

1989-1995

Education/Course Work

- SolidWorks, GoEngineer, Roseville, Ca
- AutoDesk Inventor, Intervision, Santa Clara, CA
- AutoCAD Mechanical Desktop, Inline Design, Santa Clara, CA
- AutoCAD, Inline Design, Santa Clara, CA
- Dreamweaver, Applied Materials, Santa Clara, CA
- Fireworks, Applied Materials, Santa Clara, CA
- Macromedia Flash, Applied Materials, Santa Clara, CA
- Excel Intermediate – Productivity Point, Santa Clara, CA
- Word Intermediate – Productivity Point, Santa Clara, CA
- Microsoft Access Advanced – Productivity Point, Santa Clara, CA
- Microsoft Access - Intro to Database Programming, Catapult, Santa Clara, CA