

RICHARD L. STEVENSON

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RLS DESIGN WEB PAGES: <http://cs2pr.us/rlsdesign>

OBJECTIVE

DRAFTING ON AUTOCAD

SUMMARY

Creative, visually talented. Absorbs and applies design standards quickly. Contract experience in a broad spectrum of industries. Frequently selected by senior designers to check completed work, even in industries where his experience was limited.

- ❑ Designs Welded Fabrications, Castings, Plastic products, Tooling, & Gearing.
- ❑ Familiar with Geometric Tolerancing and Mil Specs (ANSI-Y14.5M-1994).
- ❑ Usually assists co-workers with questions on trig applications, writing and spelling.
- ❑ Consistently locates interference and other design problems on assemblies.
- ❑ Detail and layout work always 90+% accurate as checked.
- ❑ Experienced on CAD: Macintosh MGM Station, Computervision & AutoCAD.
- ❑ Computer literate, DOS and Windows; trained on AutoCAD and Computervision.

QUALIFYING EXPERIENCE

- 8/1998 to Present** Extended sabbatical leave to complete writing projects and publish web pages. Various temporary jobs to supplement income.
- 12/1977 to 8/1998** Assigned to: Clopay Corporation, Clopay Plastic Products Company.
Detail, layout for manufacture of converting (plastic film) machines.
- 12/1995 to 11/1996** Assigned to: BGP Services
Mechanical checker on P.& G. domestic and international “dry laundry” and “convert-ing” packing/production line projects.
- 1978, 79, 83, 84, 85, 86, 90, 92, 93, 94, & 1995** Assigned to: U.S. DRILL HEAD COMPANY
Design, check, layout and detail of multi-spindle drill heads, tap heads and bushing plates to customer specifications and U.S.D.H. standards. Re-tool and re-build transfer lines and special machinery for auto industry.
- 1978, 79, 81, 83, 85, & 93** Assigned to: KENNER PRODUCTS COMPANY
Light design, layout and detail of injection molded **plastic** toy parts. (Seasonal)
- 8/1991 to 11/1991** Assigned to: SQUARE D COMPANY
Update drawings and document project changes using **Computervision** Personal Designer, Release 3.20 GCD
- 1980; 90 to 1991** Assigned to: R.A. JONES
Operate **Computervision** CADD5 4X, rev. 6.00-D work station to support designers.
Layout, design and retrofit new components for **packaging machinery**.

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- 5/1988 to 1/1990** Assigned to: THE J.H.DAY COMPANY/LITTLEFORD BROS., INC.
Checking, layout and detail of **industrial process machines**. Solid rocket fuel mixers. Large scale welding fabrication; Re-design components to correct various assembly, fabrication and failure problems.
- 3/1998 to 5/1998** Assigned to: QUANTUM CHEMICAL CORPORATION
Process and instrumentation diagram design using **AutoCAD R9.2**.
- 5/1987 to 11/1987** Assigned to: MULTICON, INC.
Layout and design of mechanical systems to support **robot and vision applications** using new **Macintosh II CAD** software (MGM Station).
- 1981, 86 & 1987** Assigned to: CINCINNATI MILACRON
Design, layout and detail of mechanical and retrofit electronic components. Work included **hydraulics and injection molding machines**.
- 10/1984 to 1/1985** Assigned to: CINCINNATI MICROWAVE
Design and layout of **plastic** front panel, door, and associated mechanism for a new consumer electronics product.
- 4/1984 to 10/84** Assigned to: SIEMENS-ALLIS
Design layouts of large custom **electric motors**. Computer selection and preparation of details for manufacture. Worked from customer design specifications
- 7/1983 to 9/1983** Assigned to: DOSIMETER CORPORATION
Layout and design of two prototype radiation detector/alarms for industry show.
- 1979, 80 and 1981** Assigned to: GENERAL ELECTRIC COMPANY
Layout and detail of mechanical and electronic jet engine components.
- 4/1978 to 6/1978** Assigned to: MIDLAND-ROSS CORPORATION
Detail and layout of **plastic** industrial containers, pallets and associated parts. Light design.
- 6/1977 to 4/1978** MIDWEST TECHNICAL, INC.
Detail and layout with emphasis on welded fabrications of sub-station main-frames and large castings. Customers included Powell Valve Company, Cincinnati Milacron, Inc., Teledyne Precision, Inc., Ford Motor Company, and General Motors.

- Consistently established amiable working relationships with all client personnel.
- Competence frequently earned responsibility as checker or designer.

EDUCATION

- CINCINNATI STATE COLLEGE:** AutoCAD R13
- CINCINNATI TECHNICAL COLLEGE:** AutoCAD R10
- OHIO COLLEGE OF APPLIED SCIENCE:** Associate Degree in Mechanical Engineering Technology nearly complete
- MURRAY STATE UNIVERSITY:** BS in Biology and Chemistry; Minors in Education, History, and Graphic Design.