

**GARY E. HART**  
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## **OBJECTIVE**

Independent Contractor for an innovative Product Development or Manufacturing Company involved in “state of the art” technologies with a strong emphasis on (DFM) design for and manufacturing of high quality Consumer or BioTech and Medical products. Work on Mechanical Designs for Rapid Prototyping developing parts for manufacturing through into the tooling cycle.

## **STRENGTHS**

40 years experience in the Product Design Engineering for Manufacturing field and Plastic part design for injection molding and Chassis components of Die Casting and Sheet Metal. Excellent skills in idea generation, product conceptualizing, technical communication, attention to details and work well with others to accomplish Design Engineering project objectives. Specializing in SOLIDWORKS 3D CAD, models for creative challenges since 1997. I am also versed in Word, Excel, Power Point, Photoshop, Illustrator and ANSI, ASME Y14.5M documentation standards. .

## **EXPERIENCE**

### **GARY HART DESIGNS Los Gatos / Santa Cruz CA.**

Product Design Service, specializing in Electro-Mechanical packaging, of High Technology, Bio Tech as well as Consumer Electronic Products. Tasks from project proposals, interfacing with Industrial Design client Marketing, and Engineering to identify product design strategies and goals. Having direct responsibility for 3D CAD Master Mechanical Layouts through fabrication drawings, prototype models, testing, budgetary cost estimation reports, design reviews, first article reviews, manufacturing vendor liaison, and value engineering programs. Manage and coordinate designs and tooling programs and materials for molded plastic, metal stamping, castings, weldments, and N/C machining. Contracted out to; IDE Inc, Stirling Design, BCTech, SMP Tech, and JohnsonDiversey Equipment group for the last 7 years.

**1989 to Present Santa Cruz, CA.**

### **IDE Inc. Product Development Firm / Scotts Valley CA.**

One of the founding Design Engineers and Project Accounts Manager responsible for all aspects of the product design cycle from customers sales, proposals, idea concepts, CadKey CAD 3D wireframe and surfacing layouts and plastic part development, through detail drawings, prototypes, testing, design reviews, vendor liaison domestic and offshore tooling programs through release to manufacturing. Interface with client Marketing, Engineering and Manufacturing staff in order to meet design project schedules to successfully accomplish a Product design goal. Clients List: Xerox, Tandon Computer, Tektronix, Samsung, Qume, Epson, Seagate, Optimum, Victor Technologies.

**Jan.1985 to Sept.1989**

**“PUTTIN'ON THE RITZ” Gallery, Los Gatos, Ca.**

(non-engineering related.) Founder and co-owner of unique Art products; jewelry, sculpture, furniture, glass wares, etc. Restore Art-Deco building, designed the interior decor and fixtures along with running the business and experiments in marketing and sales of retail products. Designed a personal line of metal sculpture and jewelry for sale.

**1977 to 1980..... and Gary Hart Designs 1980 to 1985 in Los Gatos , CA.**

**MEMOREX CORP. CONSUMER PRODUCTS DIV. Santa Clara, Ca.**

Product Engineer responsible for managing all plastic tooling, planning, costing data, vendor selection, and maintenance programs at Memorex Consumer Product Div. Managed a design group to develop new precision plastic audio cassette halves and storage products for an automatic production assembly machine.

**1974 to 1977**

**MEMOREX CORP. IMAGE PRODUCTS DIV. Santa Clara, Ca.**

Jr.Design Engineer supporting design and development of a Computer on Microfilm System. Master layouts for CPU camera frame, and microfilm film developer. Hold a design patent for a plastic injection molded Microfilm Cassette.

**1969 to 1974**

**ELECTROMECH DESIGN and DEVELOPMENT CO. Santa Clara Ca.**

Job Shop Designer on contract one year to IBM disc drive test group, also one year to the IBM Advanced Computer Systems Div. Also, Two year contract to FMC Corp. working on a U.S. Navy Deep Dive project, packaging electronic control modules in the dive chamber.

**1967 to 1969**

**EDUCATION**

Foothill College / San Jose City College, 1962-1965 Industrial Design / Mechanical Engineering major and Industrial Arts minor. IBM's pre-engineering summer job training course 1966. Completed; Louis Allen Management course at Memorex Corp. in 1976.

**PERSONAL**

Born 1943 in San Jose, Ca. / married with two boys 18 & 23, one girl 13. Excellent personal health. Enjoy sculpture, fine art photography, water sports, hockey, MTB cycling, skiing, nature, travel and personal fitness.

References and Portfolio available on request. <http://www.ghdzn.com>