

Jim Goodenough

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Productive and creative Web Designer who works with Businesses on the Business strategies and tactics that integrate with their Web Site Design needs. 15 years experience working with online systems such as Bulletin Boards, Web Sites, and other Electronic tools.

Successful Manager with 21 years experience in Engineering at Hewlett Packard/Agilent in R&D and Manufacturing. Background includes strength in Mechanical product design, CAD, tolerancing, and production tooling. Proven leadership skills include hiring, developing, and managing teams of multiple disciplines of engineers and technicians.

Employment History

Goodenough Web Site Services, Owner 1987 to present

Web Site, Computer, and Digital Photography experience

- Operated a 3 node Bulletin Board System for the PC Users' Group of the Redwoods from 1987 to 1994.
- Created an extensive personal web site at SONIC.NET since 1997 with over 100,000 hits. Supported the Analy High School Basketball program by taking over 500 megabytes of photographs of the Freshman, JV, and Varsity player during games since 1999.
- Established Goodenough Web Site Services in 2002
- Portfolio of work available at www.goodenoughwebsiteservices.com/portfolio.shtml

Process Engineering Manager
Agilent Technologies, Santa Rosa, Ca

August 1991 to January 2002

Managed Electrical, Mechanical, Software, and Process Engineers, and Technicians in Semiconductor, Thin Film, and Magnetics Production and Microelectronics Assembly. Accountable for production yields, capital equipment purchases, and process development.

- Brought Magnetics test yields up to standard by leading the Engineering team through experiments to discover root cause problems after crystal growth and polish processes failed and halted Production.
- Recovered lost transistor process with a team of Process Technicians and Engineers in time to sustain shipments of ~\$100M annually of Agilent products.
- Introduced Failure Mode and Effects analysis for use in risk-based capital spending to optimize the use of shared \$4M equipment budget.
- Participated in the implementation of ISO9001 and successfully passed internal and external audits.
- Extensive hiring and performance management during periods of growth.

R&D Project Manager and Development Engineer
Hewlett Packard, Rohnert Park, Ca

August 1980 to July 1991

Developed the mechanical design of the 8562A Signal Analyzer from investigation through shipment release. Responsible for the product design and ruggedness of the product. Investigated Flat Panel display technologies for next-generation Spectrum Analyzers. Led a four-person development team through the Mechanical Design investigation of a Spectrum Analyzer. Led the early definition and development of an EMC Receiver.

- Sourced approximately \$1M in die cast, plastic molding, and sheet metal tooling.
- Designed mechanical parts on ME10/30 CAD tool with some links to CAM improving time to market.
- Succeeded in meeting rugged Mil-specs required by customers via rigorous thermal design, and shock and vibration testing.
- This Signal Analyzer product family has generated over \$1B in revenue since its introduction in 1986!

Community Service

Member of Rotary Club of Sebastopol Sunrise, May 2002

Education

BA Economics, Claremont Men's College, Cum Laude

BS Mechanical Engineering, Stanford University

MS Mechanical Engineering, Stanford University

Skills

Microsoft Applications (FrontPage, MSWord, PowerPoint, Excel, MSPProject)

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html/shtml

PERL/CGI/Server Side Includes

Digital Photography

ME10/30 CAD

Geometric Dimensioning and Tolerancing

Failure Mode and Effects Analysis (FMEA)

ISO9000

Ergonomics