



## William P. Fritz

Monarch Beach, California (949) 489-0151  
Email: WilliamPFritz@Yahoo.com

<http://www.chair-pros.com/Bill>  
See website for downloadable resumes.

### EDUCATION:

#### **Biological Sciences** **Michigan Technological University, Houghton, MI**

*Bachelor of Science, 4 years, Biological Sciences*

*Master of Science, 2 years and thesis, Comparative Cardiovascular Physiology*

Inorganic chemistry, Organic chemistry, Physical chemistry, Physiological chemistry, Animal and plant physiology, Cell biology, Histology, Anatomy, Animal behavior, Ecology, Environmental sciences, Electrocardiology, Biosimulation, Business

#### **Postgraduate Studies, Medicine** **University of Michigan Medical School, Ann Arbor, MI**

Human Anatomy, Histology, Embryology, Biochemistry, Microbiology, Neurology, Physiology, Pharmacology, Psychiatry, Clinical Medicine

### COMPUTER SKILLS:

C, C++, C# - MS C#.Net, Visual C/C++, Borland C/C++ v3.0, 3.5, 4.5, 6.0, Symantec ThinkC, **26 years.**

BASIC - MS VB.Net, Visual Basic v3.0-7.0 (10 years), VBA, VBscript, BasicA, DEC, HP, IBM, **33 years.**

DATABASE - MS SQL, stored procedures, ADO.Net, ADO, Jet, Access, HP Image/Query, **30 years.**

JavaScript, JAVA- server scripting, iE, Firefox, Opera, Safari, Chrome DOM, **15 years.**

HTML v3-5, dHTML, CSS, ASP, ASP.NET, **10 years.**

ASM, machine language, PCL, GL, TCL; Pascal, Fortran, **30 yrs.**

Win32 API, .Net, MFC, ActiveX, COM, DDE, OLE, Jet, ODBC, ADO, VSS, Firefox Firebug, Photoshop, Word, Excel, PowerPoint, HP 3357 Analytical Laboratory Automation System, SAS.

### CAREER HISTORY:

#### **Architect, Analyst, Programmer, Developer** **1997-present**

*Consultant*

**Clients include** - Linksys, County of San Bernardino ISD, iWay, SEI Information Technologies, HealthELink, Air Quality Management District, Pacific Data Technologies, KnowledgeBroker, HarborObjects, LB Memorial Hospital, etc. See website.

- Programming, Analysis and Architecture - General practice of information technology for many platforms.
- Web-Based E-Commerce - Created and improved sites. UI, HTML, ASP.NET, ASP, CSS, SQL, ACS interfaces.
- Traditional E-Commerce - Integrated medical and accounting databases - ISA X.12 810, 836, 850, 852, 357.
- Project Management - Gathered and defined requirements, managed a technical team, wrote manuals, wrote code descriptions, scheduled and coordinated group efforts, tested, conducted rollout.
- User Interfaces - Created many client-server, desktop and web user interfaces. TCL, VB, C, HTML, Java, .Net
- Data Warehousing - Developed methodology, wrote manuals. VB6 conversion programs, DataJunction.
- Customer and Product Support - Designed and wrote a contact management system for a call center.
- Human Resources Support - Conducted technical interviews of IT candidates.

#### **Laguna Beach Festival of Art and Pageant of the Masters, Laguna Beach, CA** **2006-2011**

*Event Security* for 2 months each summer, full-time.

- Used excellent communication skills to welcome and assist festival guests.
- Provided support for the presenting and performing artists.

**Dynamic Pathways Company**, Newport Beach, CA 1988-1997  
*"Success, Inc, the Powerful Business Plan Writer"* – Microsoft Certified DOS, Windows 3.1, 95 & 98.  
*Developer and Founder*  
- Created and sold prepackaged, shrink-wrapped software, text content, manuals and workbooks.  
- Established shelf space and began a genre of interactive planning software.  
- SCORE, EB, CompUSA, and PC Magazine endorsements.

**TQ Systems**, Laguna Beach, CA 1984-1988  
*Developer, Sales and Support, CTO, VAR.*  
- Created, installed and supported a turnkey system to automate questionnaires.  
- All original concept and code.  
- Setup, questionnaire definition, presentation, data analysis, statistics and graphs.  
- Networked microcomputers performed real-time touchscreen presentations.  
- Consumer food testing. Hewlett-Packard VAR.

**Hunt-Wesson Foods, R&D, Technical Center**, Fullerton, CA 1981-1984  
*Computer Systems Manager, Project Leader, Sr. Scientific Computer Systems Analyst*  
- Was responsible for computer service for 400 professionals among analytical chemistry, statistics, packaging, processes engineering and product development.  
- Implemented the use of microcomputers in R&D for pilot plant development, package design, new products, sensory analysis, quality assurance, chemical analysis, human resources and marketing.  
- Performed experimental design and statistical analysis.  
- Presented a series of lectures and published in the Journal of the International Food Technologists.  
- 1984 R&D Employee of the Year.