



## William P. Fritz

70 E Corniche, Monarch Beach, California  
(949) 489-0151. Email: [WilliamPFritz@Yahoo.com](mailto:WilliamPFritz@Yahoo.com)  
Web site at [www.chair-pros.com/WPF](http://www.chair-pros.com/WPF)

## CAREER HISTORY

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

**Consultant, Various Locations,**

**Clients / Employers - (1099/W2)**

**Developer, Programmer, 2006-2007**

**HarborObjects, LLC, 1101 Dove St, #228, Newport Beach, California (949) 752-1080**

General programming to support existing customers. All work used Visual Studio and VSS for ASP.Net v2, VB.Net, ADO.Net, MS SQL Server and were data-centric. User interfaces were refined with Ajax and client-sided Javascript, HTML, CSS and skins. Utilities were written to edit and insert backend data. Performed on site (W-2).

Also: Linksys, County of San Bernardino ISD, iWay, SEI Information Technologies, HealthELink, Air Quality Management District, (AQMD), Pacific Data Technologies, KnowledgeBroker and more, see [web site](#) for more detail.

**Programming, Analysis and Architecture**-General practice of information technology for many platforms.

**E-Commerce- (Web-Based)** Create and improve sites. UI displays, shopping carts, job board, HTML, dHTML, ASP.NET, ASP, ADO.NET, VB.NET, CSS, SQL, Graphics, UI, Code-behind, Back end.

**E-Commerce- (Traditional) EDI** Implementation of medical and accounting (ISA X.12 810, 836, 850, 852, 357).

**Project Management**- Gather and define requirements, manage technical team, document, test, rollout.

**User Interfaces**- Created many client-server, desktop and web user interfaces. TCL, VB, C, HTML, Java, .Net

**Data Warehousing**- Develop methodology, wrote manual. VB6 conversion programs, DataJunction

**Customer and Product Support**- Designed and wrote a contact management system for a call center.

**Human Resources Support**- Conduct technical interviews of IT candidates.

**Developer, Founder and CTO. 1988-1997.**

**Dynamic Pathways Company, 800 Newport Center Drive, Newport Beach, CA**

**Prepackaged, shrinkwrapped software** was [created](#) and [sold](#): Products included text content, manuals, workbooks and software written in C. Microsoft-Certified for DOS, Windows 3.1, 95 & 98. 200,000+ units sold.

**Developer, Founder, Sales and Support, CTO, VAR. 1984-1988.**

**TQ Systems, 512 North Coast Highway, Laguna Beach, CA**

Created, installed and supported a [turnkey system](#) to automate questionnaires. Hewlett-Packard VAR.

**Senior Scientific Computer Systems Analyst, Computer Systems Manager, Project Leader. 1981-1984.**

**Hunt-Wesson Foods, R&D, Technical Center, Fullerton, CA**

Computer implementation and service for professionals among analytical chemistry, statistics, packaging, processes engineering and product development. 1984 **R&D Employee of the Year.**

## EDUCATION

**MS, Master of Science (2 years and thesis) 1974 and BS, Bachelor of Science (4 years) 1969**

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

**Univ of Mich Medical School, Ann Arbor, MI**

## COMPUTER SKILLS

**BASIC** - MS VB.Net, Visual Basic v3.0-7.0 ( 15 years), VBA, script, BasicA, GWBasic, DEC, HP, IBM, **30 years.**

**C, C++,C#**- MS Visual C/C++, C#, Borland C/C++ v3.0, 3.5, 4.5,6.0, Symantec ThinkC, **20 years.**

**DATABASE** MS SQL, stored procedures, **ADO.Net**, ADO, Jet, **Access**, HP Image/Query, **20 years.**

**JAVA** - **Client, server scripting**; virtual machine, **10 years.**

**APPLICATIONS** – **Visual Studio 2005**, (VSv3+), VSS, Word, Excel, PowerPoint, Project, Fusion, Photoshop, Quark, PageMaker, HP 3357 Analytical LAS, SAS, SPSS, Rational Rose, Sterling Commerce EDI, See [web site](#).

**OTHER**- **HTML, ASP, ASP.Net, XML, UML**, 10 yrs; ASM, machine language, PCL, GL, TCL; Pascal, Ada, Fortran, 30 yrs, **Win32 API**, .Net, MFC, ActiveX, COM, DDE, OLE, Jet, ODBC, ADO, 20 years.

**OPERATING SYSTEMS** - MS **XP, Win 2000/3, NT, 98**, 95, 3.1 DOS versions 1-8, DEC RT-11, RSX-11M, HP 1000 fmgr, LAS 3356, 3357, IBM MVS TSO, Unix, CP/M, Apple System 7.