

Resume - Eric Braun

PO Box 66104 · Scotts Valley · CA · 95067

Phone: (831) 438-1363 · Email: ebraun@appliedwisdom.com

SKILLS SYNOPSIS

- Systems architecture and design, programming, databases, web and client/server design, excellent debugging skills, C#, Visual Basic, .NET, ASP.NET, SQL Server, Flash, Javascript, Web Services, AJAX
- Technical presentation, technical research, technical analysis, instructional design
- Advanced communication (instructional, presentation, and writing), with an emphasis on interpersonal communication as a basis for building successful collaborations.
- Project Management

PROFESSIONAL EXPERIENCE

2005 -
Present

Co-Founder, President, Chief Technology Officer

JITSR.com – **Just-In-Time-Stress-Relief** - *Scotts Valley, California*

JITSR is a highly-scalable web and mobile-based stress management training system based on methodology validated at the Stanford University School of Medicine and popularized by JITSR Founder, Fred Luskin, Ph.D., through his book *Stress Free for Good* (Harper San Francisco, 2005). Conceptualized this product and put together a core management team. As chief technologist, designed and wrote the software based on ASP.NET, ADO.NET, C#, Syncfusion controls, HTML, XML, AJAX, Web Services, CSS, Javascript, Flash, SQL Server, and stored procedures. Major development is now complete and JITSR is being used in a research project with 200 students at Stanford University.

1989 -
Present

Founder & President

Applied Wisdom Corp. - *Scotts Valley, California*

Applied Wisdom (www.appliedwisdom.com) provides software systems design consulting, technology assessment, and educational services. As part of running my company, I hire and manage contractors on an as-needed basis. Everything listed below going back to 1990 I did as part of Applied Wisdom.

- **Lead Architect, Project Manager and Lead Programmer** (on-going since 1998) for corporate-wide training & development and certification web applications and Windows desktop electronic billing applications for the legal department of [McKesson](http://McKesson.com) (Fortune 35 company). Designed and implemented applications using HTML, Javascript, Perl & PHP CGI, Microsoft SQL Server, Microsoft Access, Microsoft Active Server Pages (ASP.NET), Microsoft Active Data Objects (ADO.NET), Microsoft Visual Studio .NET, C#, CSS, Visual Basic, secure digital certificates, and asymmetric encryption (GPG).
- **Senior Programmer** for ZMeters, Inc. (www.zmeters.com) (2006-2007) as a core member of a team that designed and built a Windows application in C# and .NET using Syncfusion controls for diagramming, displaying data in grids and charts, and communicating via Bluetooth to a hardware meter for a power distribution analysis system. Was a key contributor to the implementation design and decisions, and was instrumental in taking the project from start to initial product completion. Developed test code for TestComplete.
- **Project Manager, Programmer** for Pandora Data Systems (2005-2006), for a 2nd generation hospital drug dispersion and diversion reporting application. Managed a team of four programmers, three test technicians and coordinated with the sales and marketing team. Took a stalled development effort and successfully brought the product to market. Developed user interface code using Visual Studio, C# and Infragistics controls. Developed T-SQL code for the SQL Server side of the application including database version conversion scripts. Also developed a Flash-based front-end selector that launched a combination of installers depending on the user's needs.

1995 - 2001

Thomson Healthcare - Medical Economics (publisher of the *Physicians' Desk Reference*) - Montvale, New Jersey

Consultant / Project Manager / Systems Architect

- Developed client/server database marketing systems and Vantive-based customer support systems based on Sybase, Sun Solaris (UNIX), and an Information Retrieval Engine—a high-speed indexing technology (similar to Sybase IQ).
- Programmed major components in C, Perl, Korn Shell, Sybase Transact/SQL, and smaller components in Visual Basic and Microsoft Access Relational Database.
- Led and managed a team of database and software developers during the first phase of this project. Was responsible for project budget, timelines, and on-time delivery of results. Continued as chief developer for several years thereafter.
- Implemented a system based on the Inman Data Warehouse model.

1995

Mercantile Software Systems - Piscataway, New Jersey

Consultant / Project Manager / Web site Developer

- Developed Mercantile's corporate presence web site including HTML, forms, Visual Basic Script (VBScript), and CGI programming in Perl (the company has since been acquired).
- Installed and administered Netscape Communications Web Server running on Hewlett-Packard HP/UX (UNIX).
- Wrote their major technical white paper that serves as the core information base for this web site. Mercantile widely distributed this paper and web site as their primary sales tool.

1993 - 1994

Corning-Metpath - Teterboro, New Jersey

Consultant / System Developer

- Designed and implemented a client/server business decision support system based on Sybase, Hewlett-Packard HP/UX (UNIX), and a specialized Information Retrieval Engine—a high-speed indexing technology (similar to Sybase IQ).
- Designed and implemented a client/server database asynchronous process scheduler and manager. Programmed in Visual Basic, C, Sybase Open Client DB Library, and Sybase Transact/SQL, Korn Shell.
- Designed and implemented all data preprocess and loading programs for the above decision support system. Programmed in awk and C.
- Implemented a system based on the Inman Data Warehouse model.

1991

Dun & Bradstreet (Dun's Marketing Systems) - Parsippany, New Jersey

Consultant / Benchmark Designer and Evaluator

- Designed and implemented a database-centric benchmark suite using Sybase and specialized application load simulation software. The system was used to evaluate the performance of Hewlett-Packard and Sun Microsystems computers.
- Wrote a comprehensive technical analysis summarizing these benchmark results. This paper was a significant due-diligence factor in making the choice of a primary system vendor for D & B's multi-million dollar list marketing services.

- 1990 **United States Department of Labor - Washington, D.C.**
Consultant / System Performance Troubleshooter
- Brought in as a key software troubleshooter after Unisys personnel failed to provide a performance solution. Analyzed an Informix-based application on behalf of Unisys Government Systems Division. Rapidly discovered and eliminated performance bottlenecks which increased system performance to the required level.
- 1987 - 1989 **Sequent Computer Systems - New York Region**
Field Application Engineer responsible for technical implementation of Sequent's family of parallel computers in pre- and post-sales situations.
- Gained extensive BSD and System V Unix experience including writing and implementing device drivers, application tuning and parallelization, virtual memory tuning, file system performance tuning. Most applications involved major relational database management systems such as Oracle, Sybase, and Informix.
 - Wrote technical proposals detailing how to integrate Sequent systems into existing and new applications.
 - Designed and implemented numerous benchmarks to prove system and application performance.
 - Delivered in-depth technical presentations to engineering and Information Systems management.
- 1983 - 1986 **MTI Systems - Port Washington, New York**
Field Application Engineer and Systems Integration Manager
- Designed and managed MTI's corporate-wide systems integration facilities. Responsibilities included managing a staff of two, custom system design and integration of Intel (RMX) and DEC (VMS and UNIX) systems into a wide array of applications, and on-time delivery of results.
 - Performed extensive Operating System configuration and integration including writing UNIX device drivers.
 - Built the first *Bloomberg* systems used extensively in the financial markets on Wall Street.
- 1979 - 1983 **Computer Graphics Laboratory, Inc., New York Institute of Technology - Old Westbury, New York**
Project Manager / Systems Engineer
- This laboratory was the predecessor of [Pixar](#).
- Managed the installation of turnkey 2D and 3D UNIX-based computer animation production facilities for U.S. and international customers.
 - Wrote firmware for single-frame video recording controllers in microcontroller assembler.
 - Developed support hardware and software (UNIX, C) for computer animation applications.
- LITIGATION CONSULTING**
- 2001 • **Litigation Support Consultant** for Arnold & Porter (www.arnoldporter.com) in technology issues. Advised counsel for the defendant on issues of Internet functionality in the case of Goto.com vs. Disney (Go.com), and advised counsel for the plaintiff in the Internet copyright infringement case of CoStar vs. Loopnet.com.
- 2003 - 2004 • **Expert Witness/Litigation Support Consultant** for Fish & Richardson (www.fr.com) and Brooks Kushman (www.brookskushman.com) in technology issues. Served as a technology researcher and strategist for the plaintiff (a major Fortune 500 company) on a case involving patent infringement in the Storage Area Network space.
- 2004 - 2005 • **Legal Support Consultant** for Fenwick & West (www.fenwick.com). Wrote audit process document on behalf of a major networking technology company for confirming that their software intellectual property was being handled according to agreement specifications.

PROFESSIONAL INSTRUCTOR EXPERIENCE

1997 -
Present

University of California at Berkeley – Instructor at the Engineering Extension School
Stanford University - Lecturer of Technology at the Stanford Continuing Studies Program
Various Corporations such as EMC, Adaptec, Network Appliance

- Created, developed, and continue to teach Essentials of *Computer Technology for Business Professionals*. Have presented this class at UC Berkeley Engineering Extension, Berkeley Worldwide, Berkeley Haas Center for Executive Development, Stanford University Continued Education Program and for many corporate clients including EMC Corporation, Adaptec, Network Appliance and various law firms. Taught since 1997, this comprehensive in-depth overview of computer technology is one of Berkeley Extension's most highly rated professional development courses receiving an aggregate 4.8 out of 5 on over fifteen hundred evaluations. Course details are available online at www.unex.berkeley.edu/cat/course69.html or contact me for course details.
- Contracted by Adaptec to author a full-day course entitled *Storage Area Networks and Networking Essentials*, which I delivered over several sessions worldwide (live in classroom and via the web) to their corporate-wide sales and marketing teams. The course was offered at UC Berkeley. Contact me for course details. Also taught a SAN course at Cisco for their field engineers.
- Contracted by BAIN & Co. (one of the world's leading business consulting firms (www.bain.com)) to help launch their Information Technology practice by training their top 200 partners and managers worldwide (held 8 trainings in San Francisco, Boston, London, Munich, Milan, and Singapore during 2000 and 2001). Taught IT infrastructure using a customized version of my *Essentials of Computer Technology for Business Professionals* course.
- Co-authored a 2-day course entitled *The Technical and Legal Essentials of Using Linux and Open Source*.

1992 - 1996

Learning Tree International - Reston, Virginia
Instructor

- Taught week-long seminars nationally in *Hands-On UNIX*, *UNIX System and Network Administration*, *Internet/Intranet Web Site Development*, and *Effective Communication Skills for Information Technology Professionals*. Classes involved combining theory and hands-on practice.

EDUCATION

1994 - 1995

Stanford University - Stanford, California

M.A. Psychology in Education

Thesis: "A Computer-based Psychological Resistance Intervention Training System."

1993 - 1994

California Institute of Integral Studies - San Francisco, California

M.A. program in Counseling Psychology (Marriage, Family, Child Counseling track)

I discontinued this program to attend the Stanford University program listed above.

1976 - 1981

New York Institute of Technology - Old Westbury, New York

B.S. in Electronic Engineering with a minor in Computer Science

1996 - 1998

Neurolinguistic Programming Institute of California - Felton, California

Advanced Communication & Interpersonal Skills Training - Master Practitioner Certified