

Résumé of John P. Zimmerman
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JOHN ZIMMERMAN

CAREER OBJECTIVES

TO USE MY TALENTS, SKILLS, EXPERIENCE AND EDUCATION TO SERVE MY CUSTOMERS AND EMPLOYERS BY PROVIDING ROBUST, HIGH QUALITY DATABASE APPLICATIONS, AND TO PROVIDE TIMELY AND COMPETENT SUPPORT AND SERVICE FOR THESE APPLICATIONS.

CAREER SUMMARY

DEMONSTRATED ACCOMPLISHMENTS IN SOFTWARE AND HARDWARE DESIGN AND DEVELOPMENT, PROJECT MANAGEMENT, AND WORKING IN THE INTERNET DATABASE SECTOR.

EDUCATION

B.S. (magna cum laude) Electrical Engineering, 1983 (University of Texas at Austin).
B.A. (cum laude) Computer Sciences, 1978 (University of Texas at Austin).

PROFESSIONAL EXPERIENCE

2005-Present: Systems Director for The Miracle Foundation (an international non-profit supporting Indian orphanages - www.miraclefoundation.org). Responsibilities include assessing requirements, manage existing and developing custom database applications; managed the successful integration with Salesforce cloud application.

2003 – 2004: Instructor, University of Texas Informal Classes (Microsoft Access).

1997 – 2006: Various consulting jobs, including:

2008: Instrument rental database for a local music store

2002-2006: Designed and implemented a local-area network database system to manage and integrate all aspects of a veterinary laboratory facility. The project was initially implemented in ASP/PHP/Javascript/Access; later converted to WAMP.

10/1/01 – 6/1/02: Lead Developer, personally developed 125,000 lines of ASP/JavaScript code to support several web-based database applications (churchDB and Datorum Applicatium for the Catholic Diocese of Austin).

5/15/01 – 10/1/01: Contractor to Frontier Associates: Web-based database design and development using Active Server Pages (ASP/ADO/SQL Server). Responsible for developing and maintaining half a dozen sites used by Utility Companies to manage energy efficiency programs.

(IBM) 4/95-12/96: support/customization for large Motif GUI interface to a PowerPC processor simulation tool.

2/94-4/95: full time volunteer, including computer systems consultant at the Candlelighters Childhood Cancer Foundation, various activities at a ranch for adults with mental retardation, and newsletter editor for the Down Syndrome Support Group of Central Texas.

Résumé of John Zimmerman (continued)

(IBM)

1992-1993 Team Lead for PowerPC 601 Sequencer Team (the first PowerPC processor); designed and wrote the 601 microcode assembler and simulator, and wrote all embedded PowerPC 601 microcode; wrote new and upgraded existing simulation tools to support multi-processing.

1989-1992 wrote, simulated and tested I/O and DMA sequencer microcode for the RSC, a low end RS-6000 Power processor.

1988-1989 design analysis for low-end workstation.

1987-1988 designed and implemented the memory controller for an 80386-SX based family-2 Personal Systems/2 computer (model 55sx – IBM's all-time greatest-selling mother board).

1983-1987 designed, simulated, modeled, and tested various aspects of the IBM PC Convertible, including a DMA controller gate array.

LOCKHEED/EMSCO (Scientific Programmer)

1978-1981 designed, programmed, debugged and documented software for an interactive Space Shuttle aerodynamics database program (NASA contract).

COMPUTER EXPERIENCE

Languages/Programs: PHP/javascript/mysql, ASP/VBScript/ADO, Visual Basic/DAO, Access / SQL Server, VBA, C, C++, Perl, Motif, Pascal, Assembly, REXX, Basic, DS/L, desktop publishing tools, Office and Open Office Suite.

Operating Systems: Windows 95/98/2000/XP, AIX (UNIX), DOS, VM

ACTIVITIES / MISCELLANEOUS

Patent for a memory controller design and over a dozen invention disclosures for various software and hardware designs.

Married, father of two great kids. Interests include family activities, volunteer work; reading and music.

Former Board Member, Austin Area Candlelighters Childhood Cancer Foundation

Former Advisory Board Member, National Association of Hospital Hospitality Houses

References available upon request.