

Résumé of John P. Zimmerman
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JOHN ZIMMERMAN

CAREER OBJECTIVES

TO USE MY TALENTS, SKILLS, EXPERIENCE AND EDUCATION TO SERVE MY EMPLOYER BY PROVIDING ROBUST, HIGH QUALITY WEB DATABASE APPLICATIONS, EXCELLENT CUSTOMER SERVICE, AND RESPONSIVE SUPPORT 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 (University of Texas at Austin).
B.A. (cum laude) Computer Sciences (University of Texas at Austin).

PROFESSIONAL EXPERIENCE

Delightful Labor

2012-Present: Lead developer for a comprehensive open source non-profit management system (www.delightfullabor.com). The project is developed in php using a codeIgniter framework.

The Miracle Foundation

2005-2011: 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).

Consultant

1997 – 2008: 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.

2001: 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).

2001: 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

1994-1996: support/customization for large Motif GUI interface to a PowerPC processor simulation tool.

1992-1993 Team Lead for PowerPC 601 Sequencer Team (the first PowerPC processor); designed and wrote the 601 microcode assembler and simulator, and wrote

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, codeIgniter, MVC development, Ajax, ASP/VBScript/ADO, Visual Basic/DAO, Access / SQL Server, VBA, C, C++, Perl, Motif, Pascal, Assembly, REXX, Basic, DS/L, GIMP, desktop publishing tools, Office and Open Office Suite.

Operating Systems: Windows , AIX (UNIX), DOS, VM

ACTIVITIES / MISCELLANEOUS

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

Former Board Member, Austin Area Candlelighters Childhood Cancer Foundation.

Former Advisory Board Member, National Association of Hospital Hospitality Houses.

Recipient, 1996 KVUE "Five Who Care" Award.

References available upon request.